

STN Columbus

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
 NEWS 2 "Ask CAS" for self-help around the clock
 NEWS 3 JUL 20 Powerful new interactive analysis and visualization software,
 STN AnaVist, now available
 NEWS 4 AUG 11 Derwent World Patents Index(R) web-based training during
 August
 NEWS 5 AUG 11 STN AnaVist workshops to be held in North America
 NEWS 6 AUG 30 CA/CAPLUS - Increased access to 19th century research documents
 NEWS 7 AUG 30 CASREACT - Enhanced with displayable reaction conditions
 NEWS 8 SEP 09 ACD predicted properties enhanced in REGISTRY/ZREGISTRY

NEWS EXPRESS JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT
 MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
 AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005

NEWS HOURS STN Operating Hours Plus Help Desk Availability
 NEWS INTER General Internet Information
 NEWS LOGIN Welcome Banner and News Items
 NEWS PHONE Direct Dial and Telecommunication Network Access to STN
 NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
 specific topic.

All use of STN is subject to the provisions of the STN Customer
 agreement. Please note that this agreement limits use to scientific
 research. Use for software development or design or implementation
 of commercial gateways or other similar uses is prohibited and may
 result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 06:32:17 ON 22 SEP 2005

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 06:32:25 ON 22 SEP 2005
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2005 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
 provided by InfoChem.

STRUCTURE FILE UPDATES: 21 SEP 2005 HIGHEST RN 863636-50-4
 DICTIONARY FILE UPDATES: 21 SEP 2005 HIGHEST RN 863636-50-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when
 conducting SmartSELECT searches.

```
*****
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*
*****
```

Structure search iteration limits have been increased. See HELP SLIMITS for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

```
* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'REGISTRY' AT 06:33:59 ON 22 SEP 2005
FILE 'REGISTRY' ENTERED AT 06:33:59 ON 22 SEP 2005
COPYRIGHT (C) 2005 American Chemical Society (ACS)
COST IN U.S. DOLLARS                SINCE FILE      TOTAL
                                     ENTRY      SESSION
FULL ESTIMATED COST                0.86         1.07
```

=>

```
* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'REGISTRY' AT 06:40:42 ON 22 SEP 2005
FILE 'REGISTRY' ENTERED AT 06:40:42 ON 22 SEP 2005
COPYRIGHT (C) 2005 American Chemical Society (ACS)
COST IN U.S. DOLLARS                SINCE FILE      TOTAL
                                     ENTRY      SESSION
FULL ESTIMATED COST                5.59         5.80
```

=>

Uploading structure
screen 1996

L1 SCREEN CREATED

=>

L2 STRUCTURE UPLOADED

=>

L3 QUE L2 AND L1

=> s sam l3

GENERIC GROUP NOT VALID HERE

Generic groups may not be used in these circumstances:

1. Any generic group node (e.g., Hy) in a ring.
2. An Ak node attached to another Ak node.

=> log h

```
COST IN U.S. DOLLARS                SINCE FILE      TOTAL
                                     ENTRY      SESSION
FULL ESTIMATED COST                6.02         6.23
```

SESSION WILL BE HELD FOR 60 MINUTES
 STN INTERNATIONAL SESSION SUSPENDED AT 06:41:28 ON 22 SEP 2005

STN Columbus

***** RECONNECTED TO STN INTERNATIONAL *****
 SESSION RESUMED IN FILE 'REGISTRY' AT 06:44:24 ON 22 SEP 2005
 FILE 'REGISTRY' ENTERED AT 06:44:24 ON 22 SEP 2005
 COPYRIGHT (C) 2005 American Chemical Society (ACS)

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	6.02	6.23

=>

Uploading structure
 screen 1996 AND 2006

L4 SCREEN CREATED

=>

L5 STRUCTURE UPLOADED

=>

L6 QUE L5 AND L4

=> s sam l6

GENERIC GROUP NOT VALID HERE

Generic groups may not be used in these circumstances:

1. Any generic group node (e.g., Hy) in a ring.
2. An Ak node attached to another Ak node.

=> log h

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	6.45	6.66

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 06:45:01 ON 22 SEP 2005

***** RECONNECTED TO STN INTERNATIONAL *****
 SESSION RESUMED IN FILE 'REGISTRY' AT 06:47:38 ON 22 SEP 2005
 FILE 'REGISTRY' ENTERED AT 06:47:38 ON 22 SEP 2005
 COPYRIGHT (C) 2005 American Chemical Society (ACS)

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	6.45	6.66

=>

Uploading structure
 screen 1996 AND 2006

L7 SCREEN CREATED

=>

L8 STRUCTURE UPLOADED

=>

L9 QUE L8 AND L7

=> s sam l9

GENERIC GROUP NOT VALID HERE

Generic groups may not be used in these circumstances:

1. Any generic group node (e.g., Hy) in a ring.

2. An Ak node attached to another Ak node.

=> log h

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	7.74	7.95

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 06:49:33 ON 22 SEP 2005

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'REGISTRY' AT 06:55:09 ON 22 SEP 2005
FILE 'REGISTRY' ENTERED AT 06:55:09 ON 22 SEP 2005
COPYRIGHT (C) 2005 American Chemical Society (ACS)

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	7.74	7.95

=>

Uploading structure
screen 1996 AND 2006

L10 SCREEN CREATED

=>

L11 STRUCTURE UPLOADED

=>

L12 QUE L11 AND L10

=> s sam l12

SAMPLE SEARCH INITIATED 06:55:43 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 2879 TO ITERATE

69.5% PROCESSED 2000 ITERATIONS (2 INCOMPLETE) 6 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.02

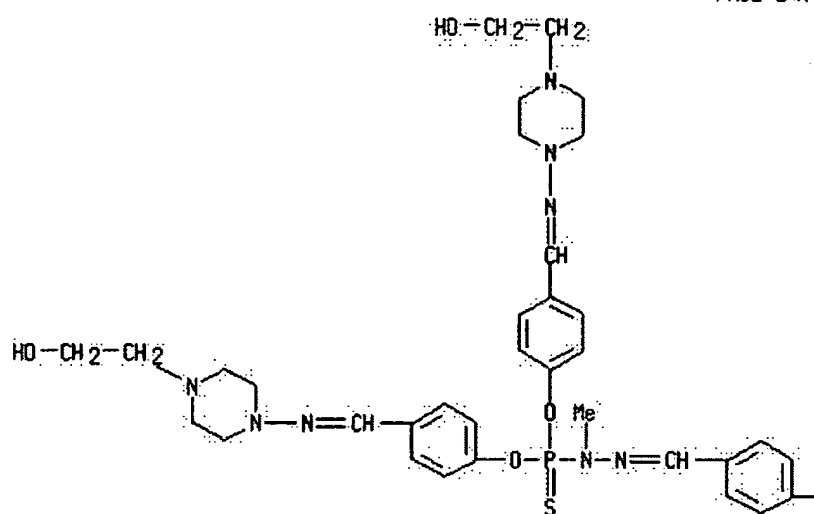
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 54362 TO 60798
PROJECTED ANSWERS: 6 TO 348

L13 6 SEA SSS SAM L11 AND L10

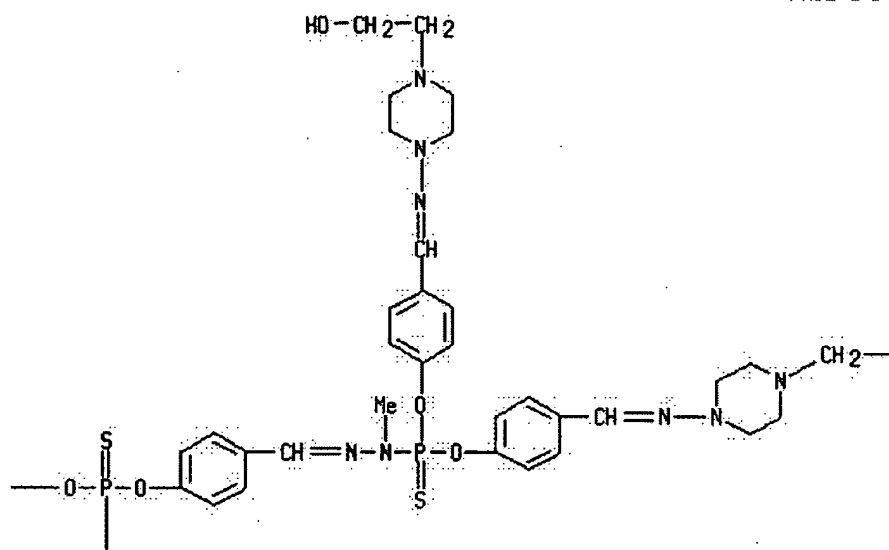
=> d scan

L13 6 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Phosphorohydrazidothioic acid, 2,2',2''-[phosphinothioylidynetris(oxy-4,1-phenylenemethylidyne)]tris[1-methyl-, O,O,O,O,O,O-hexakis[4-[[[4-(2-hydroxyethyl)-1-piperazinyl]imino]methyl]phenyl] ester (9CI)
MF C102 H132 N24 O15 P4 S4

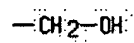
PAGE 1-A



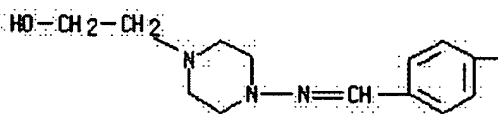
PAGE 1-B



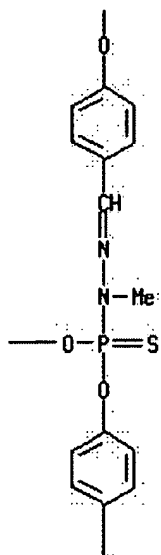
PAGE 1-C



PAGE 2-A



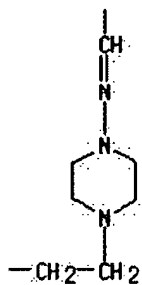
PAGE 2-B



PAGE 3-A

HO—

PAGE 3-B



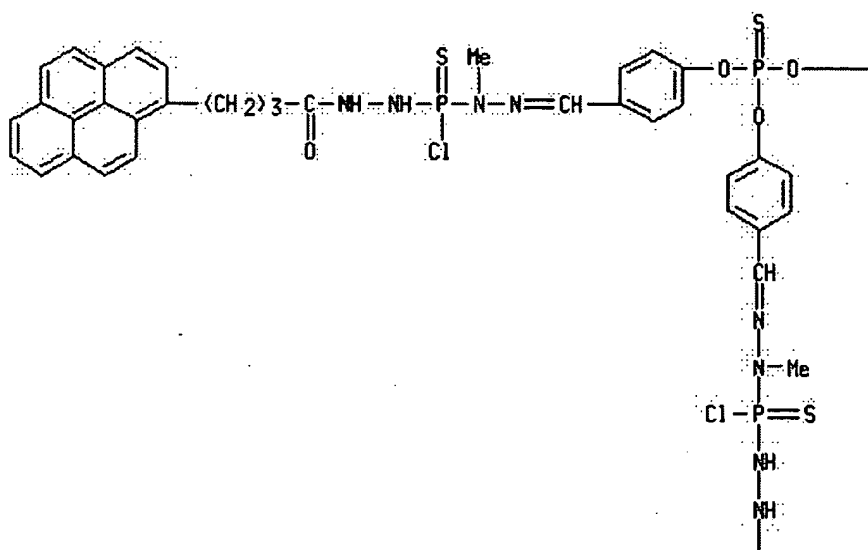
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L13 6 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

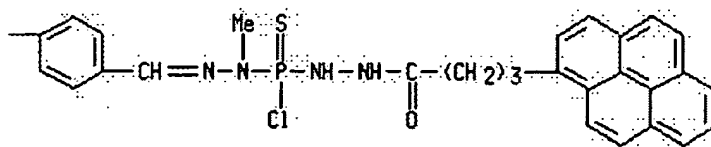
IN 1-Pyrenebutanoic acid, 2,2',2''-[phosphinothioylidynetris[oxy-4,1-phenylenemethylidene(1-methyl-1-hydrazinyl-2-ylidene)(chlorophosphinothioylidene)]]trihydrazide (9CI)

MF C84 H75 Cl3 N12 O6 P4 S4

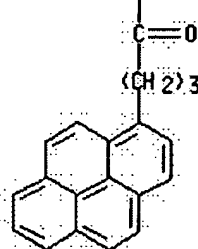
PAGE 1-A



PAGE 1-B



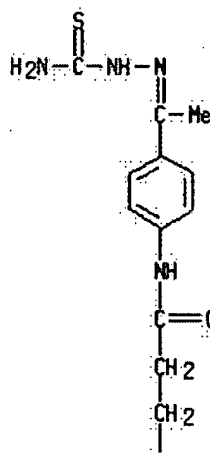
PAGE 2-A

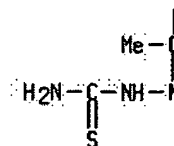
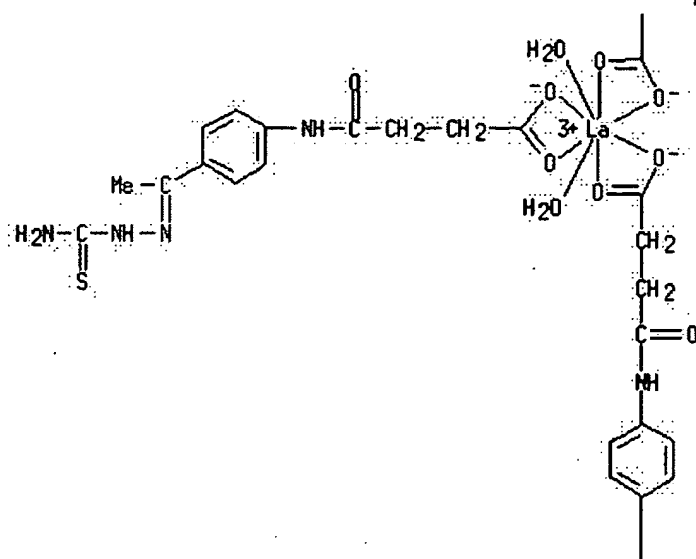


HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L13 6 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN Lanthanum, tris[4-[[4-[1-[(aminothioxomethyl)hydrazono]ethyl]phenyl]amino]-
 4-oxobutanoato-O1,O1']diaqua- (9CI)
 MF C39 H49 La N12 O11 S3
 CI CCS, COM

PAGE 1-A





HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

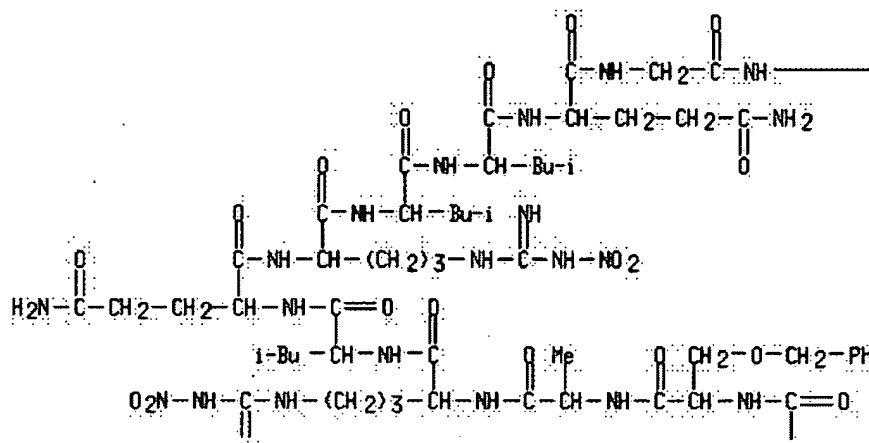
L13 6 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
ITERATION INCOMPLETE

IN L-Valinamide, N-[(1,1-dimethylethoxy)carbonyl]-L-phenylalanyl-O-(phenylmethyl)-L-threonyl-O-(phenylmethyl)-L-seryl-L- α -glutamyl-L-leucyl-O-(phenylmethyl)-L-seryl-N5-[imino(nitroamino)methyl]-L-ornithyl-L-leucyl-N5-[imino(nitroamino)methyl]-L-ornithyl-L- α -aspartyl-O-(phenylmethyl)-L-seryl-L-alanyl-N5-[imino(nitroamino)methyl]-L-ornithyl-L-leucyl-L-glutamyl-N5-[imino(nitroamino)methyl]-L-ornithyl-L-leucyl-L-leucyl-L-glutamylglycyl-L-leucyl-, bis(phenylmethyl) ester (9CI)

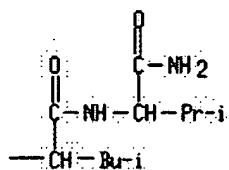
SQL 22

MF C158 H233 N41 O42

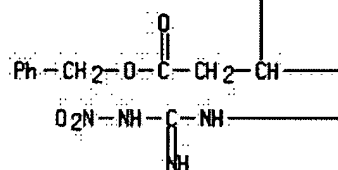
RELATED SEQUENCES AVAILABLE WITH SEQLINK



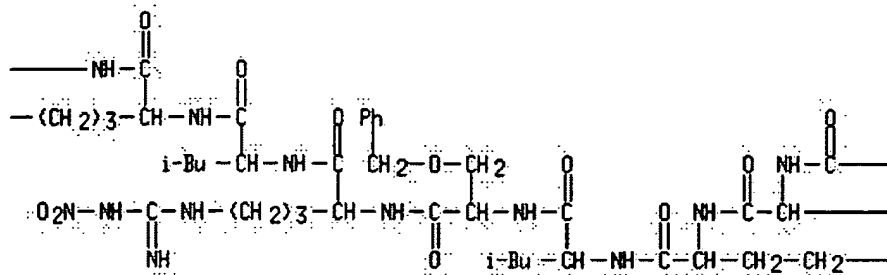
PAGE 1-B



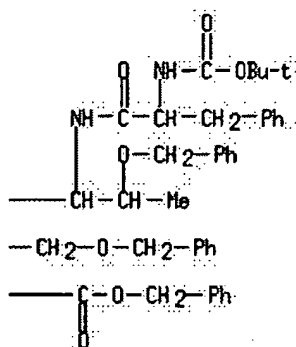
PAGE 2-A



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PAGE 2-C



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

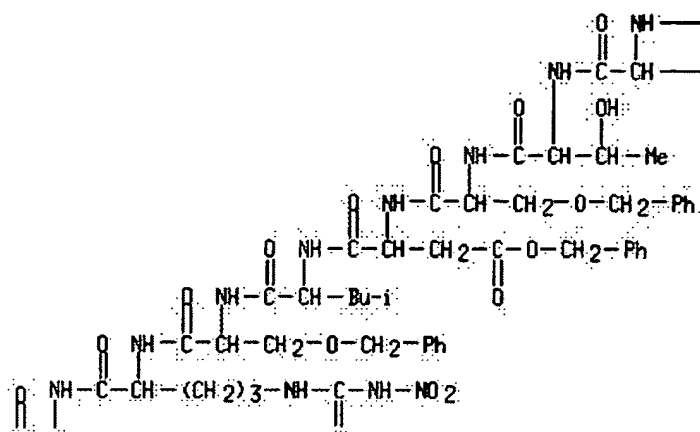
L13 6 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
ITERATION INCOMPLETE

IN Secretin (swine), 1-de-L-histidine-2-de-L-serine-3-de-L-aspartic
acid-4-deglycine-5-[N-[(1,1-dimethylethoxy) carbonyl]-L-threonine]-8-[O-
(phenylmethyl)-L-serine]-9-L-aspartic acid-11-[O-(phenylmethyl)-L-serine]-
12-[N5-[imino(nitroamino)methyl]-L-ornithine]-14-[N5-
[imino(nitroamino)methyl]-L-ornithine]-16-[O-(phenylmethyl)-L-serine]-18-
[N5-[imino(nitroamino)methyl]-L-ornithine]-21-[N6-[[2,6-
dichlorophenyl)methoxy] carbonyl]-L-lysine]-, bis(phenylmethyl) ester (9CI)

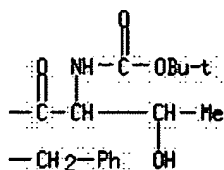
SQL 23

MF C162 H237 C12 N39 O44

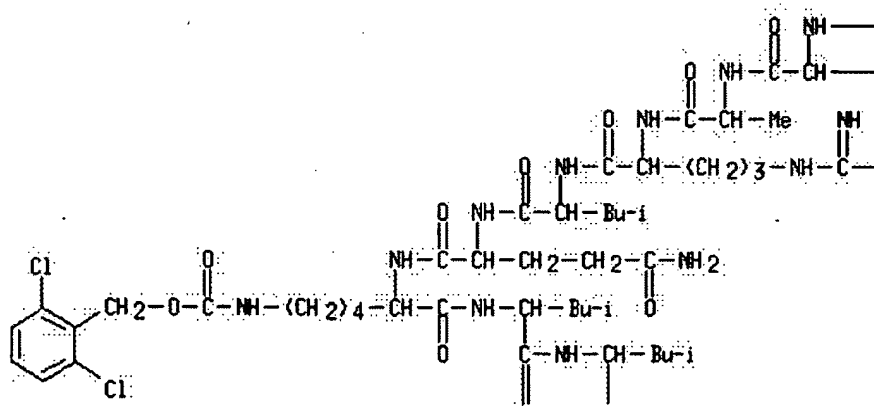
RELATED SEQUENCES AVAILABLE WITH SEQLINK



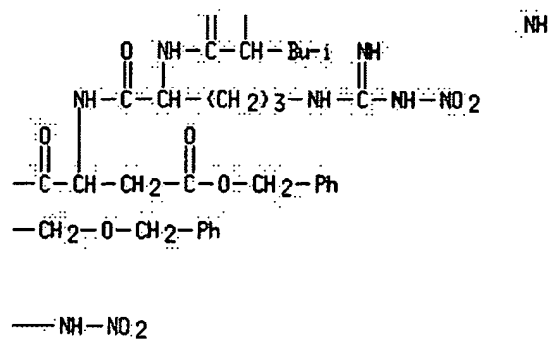
PAGE 1-C



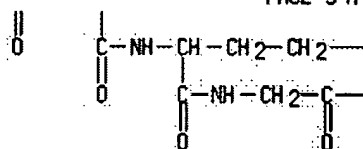
PAGE 2-A



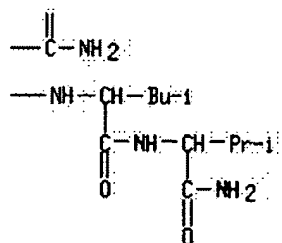
PAGE 2-B



PAGE 3-A



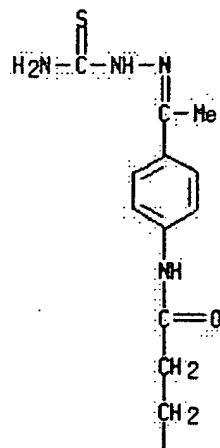
PAGE 3-B



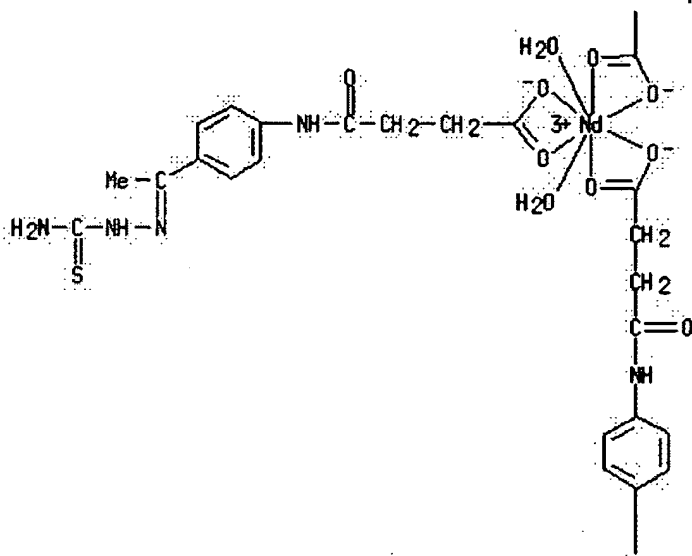
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L13 6 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN Neodymium, diaquatris[4-[[4-[1-[(aminothioxomethyl)hydrazono]ethyl]phenyl]amino]-4-oxobutanoato-O1,O1']-, trihydrate (9CI)
 MF C39 H49 N12 Nd O11 S3 . 3 H2 O
 CI CCS

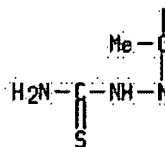
PAGE 1-A



PAGE 2-A



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* 3 H₂O

ALL ANSWERS HAVE BEEN SCANNED

=> log h

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	13.33	13.54

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 07:02:50 ON 22 SEP 2005

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'REGISTRY' AT 07:16:34 ON 22 SEP 2005
FILE 'REGISTRY' ENTERED AT 07:16:34 ON 22 SEP 2005
COPYRIGHT (C) 2005 American Chemical Society (ACS)

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	13.33	13.54

=>

Uploading structure
screen 1996 AND 2006

L14 SCREEN CREATED

=>

L15 STRUCTURE UPLOADED

=>

L16 QUE L15 AND L14

=> s sam l16

SAMPLE SEARCH INITIATED 07:17:08 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 2433 TO ITERATE

82.2% PROCESSED 2000 ITERATIONS (5 INCOMPLETE) 10 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.02

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 45702 TO 51618
PROJECTED ANSWERS: 34 TO 452

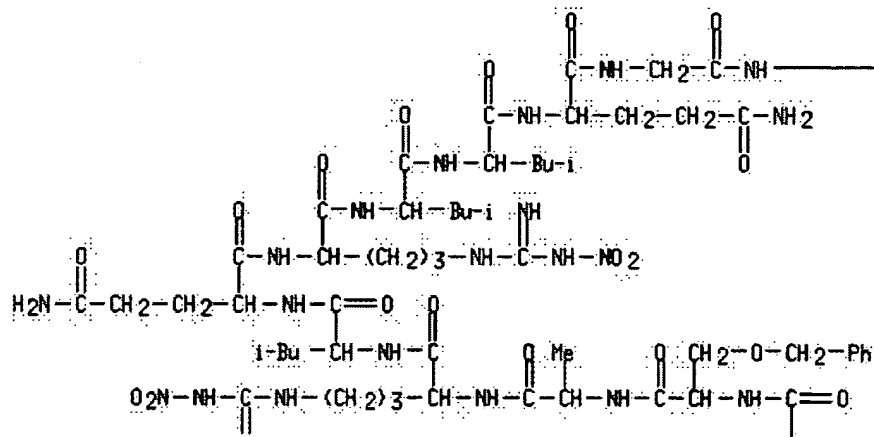
L17 10 SEA SSS SAM L15 AND L14

=> d scan

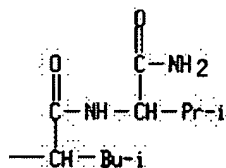
L17 10 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
ITERATION INCOMPLETE
IN L-Valinamide, N-[(1,1-dimethylethoxy)carbonyl]-L-phenylalanyl-O-(phenylmethyl)-L-threonyl-O-(phenylmethyl)-L-seryl-L- α -glutamyl-L-leucyl-O-(phenylmethyl)-L-seryl-N5-[imino(nitroamino)methyl]-L-ornithyl-L-leucyl-N5-[imino(nitroamino)methyl]-L-ornithyl-L- α -aspartyl-O-(phenylmethyl)-L-seryl-L-alanyl-N5-[imino(nitroamino)methyl]-L-ornithyl-L-leucyl-L-glutamyl-N5-[imino(nitroamino)methyl]-L-ornithyl-L-leucyl-L-leucyl-L-glutamylglycyl-L-leucyl-, bis(phenylmethyl) ester (9CI)
SQL 22
MF C158 H233 N41 O42

RELATED SEQUENCES AVAILABLE WITH SEQLINK

PAGE 1-A

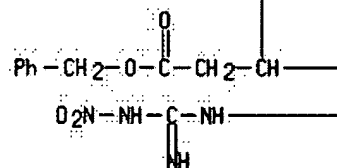


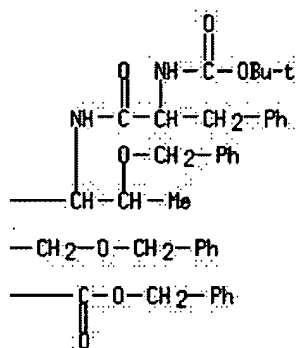
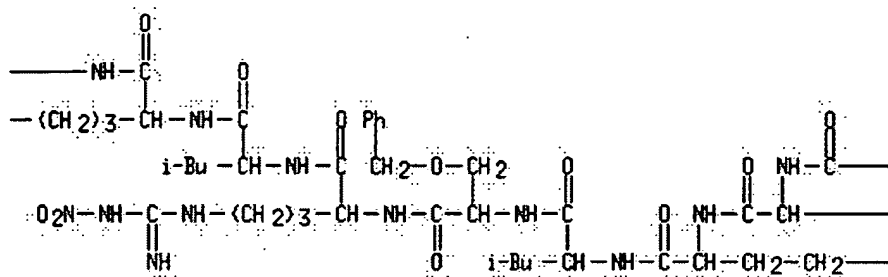
PAGE 1-B



NH

PAGE 2-A





HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L17 10 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
ITERATION INCOMPLETE

IN L-Proline, L-valyl-N5-[imino(nitroamino)methyl]-L-ornithylglycyl-L- α -
aspartyl-L-phenylalanylglycyl-O-(phenylmethyl)-L-seryl-L-leucyl-L-alanyl-L-
prolyl-N5-[imino(nitroamino)methyl]-L-ornithyl-L-valyl-L-alanyl-N5-
[imino(nitroamino)methyl]-L-ornithyl-L-glutaminyll-L-leucyl-,
bis(phenylmethyl) ester (9CI)

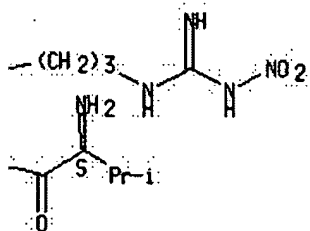
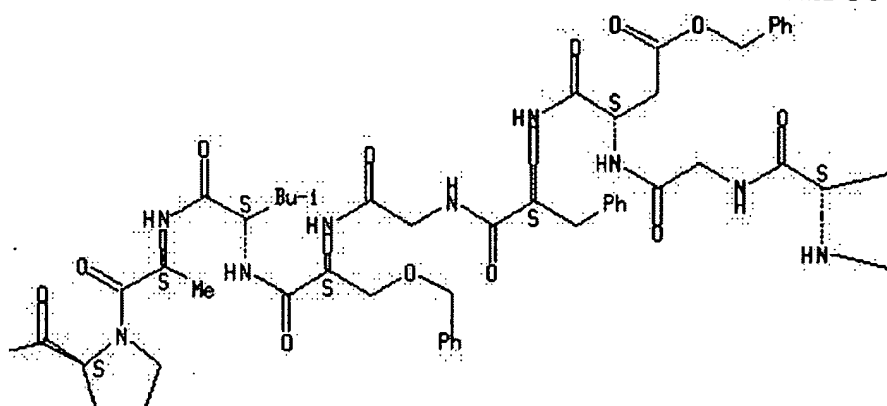
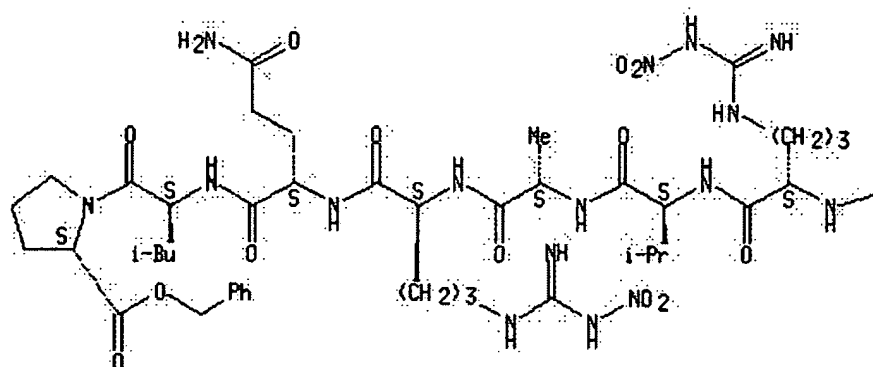
SQL 17

MF C102 H150 N30 O28

CI COM

RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.

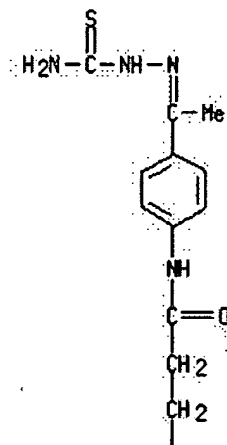


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

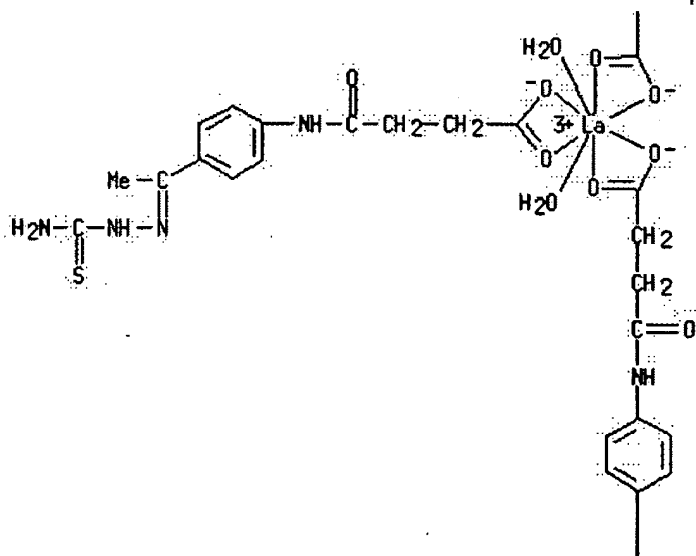
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

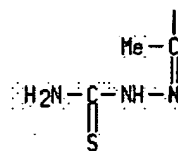
L17 10 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN Lanthanum, tris[4-[[4-[1-[(aminothioxomethyl)hydrazono]ethyl]phenyl]amino]-
 4-oxobutanoato-01,01']diaqua- (9CI)
 MF C39 H49 La N12 O11 S3
 CI CCS, COM

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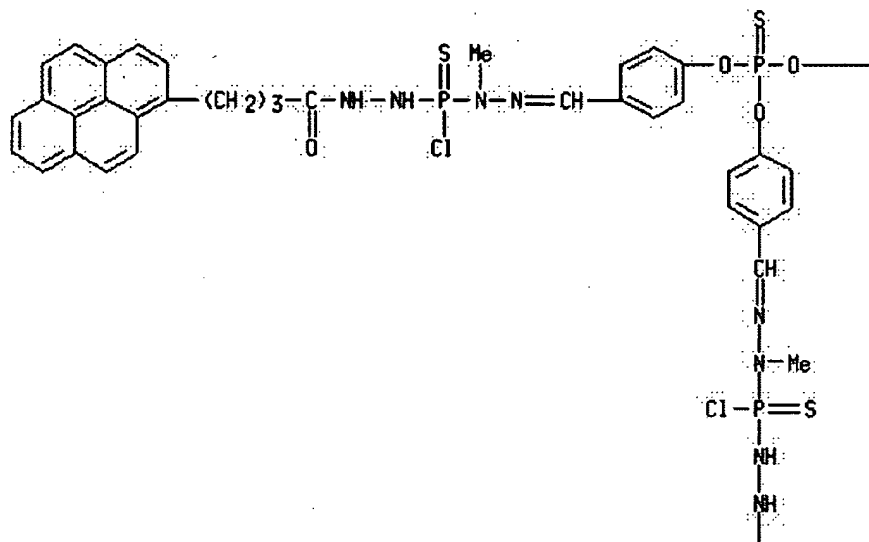
PAGE 2-A



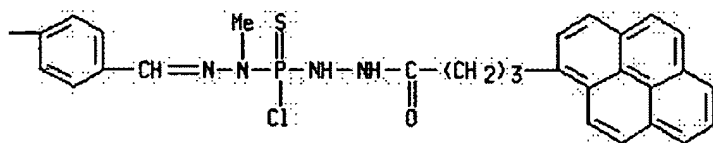


```
L17 10 ANSWERS   REGISTRY   COPYRIGHT 2005 ACS on STN
IN   1-Pyrenebutanoic acid, 2,2',2''-[phosphinothioidynetriss[oxy-4,1-
      phenylenemethylidyne(1-methyl-1-hydrazinyl-2-ylidene)(chlorophosphinothioy
      lidene)]]trihydrazide (9CI)
MF   C84 H75 Cl3 N12 O6 P4 S4
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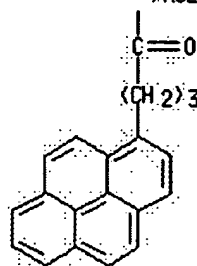
PAGE 1-A



PAGE 1-B



PAGE 2-A



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

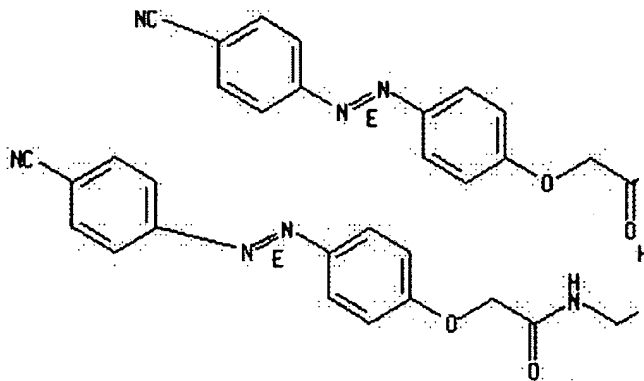
L17 10 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
ITERATION INCOMPLETE

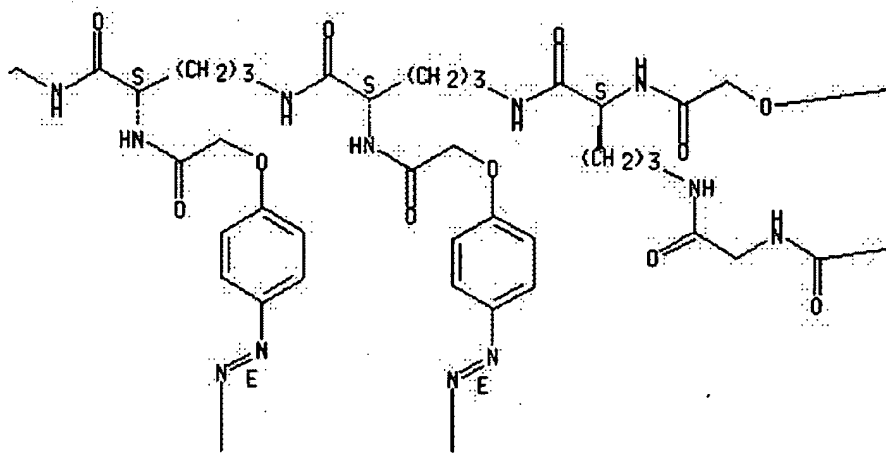
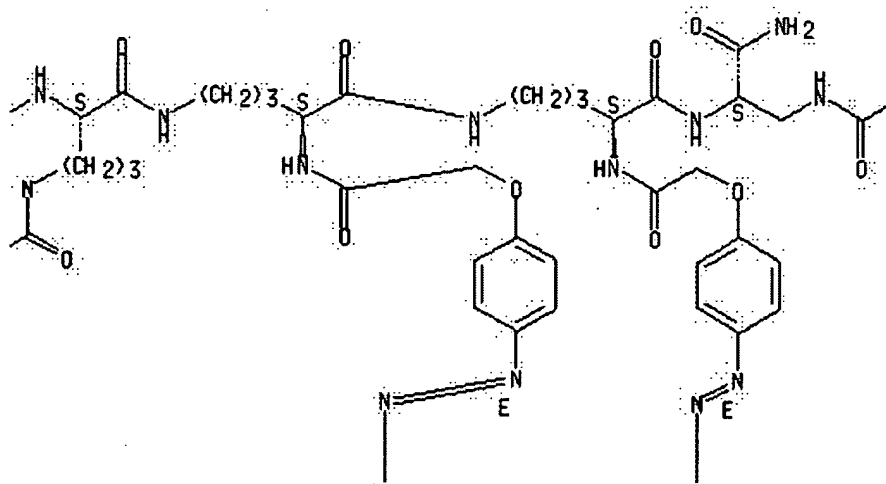
IN L-Alaninamide, N2-[4-[(1E)-(4-cyanophenyl)azo]phenoxy]acetyl]-N5-[N2-[4-[(1E)-(4-cyanophenyl)azo]phenoxy]acetyl]-N5-[N2-[4-[(1E)-(4-cyanophenyl)azo]phenoxy]acetyl]-N5-[N-[[4-[(1E)-(4-cyanophenyl)azo]phenoxy]acetyl]glycyl]-L-ornithyl]-L-ornithyl-3-[[N2-[4-[(1E)-(4-cyanophenyl)azo]phenoxy]acetyl]-N5-[N2-[4-[(1E)-(4-cyanophenyl)azo]phenoxy]acetyl]-N5-[N2-[4-[(1E)-(4-cyanophenyl)azo]phenoxy]acetyl]-N5-[N-[[4-[(1E)-(4-cyanophenyl)azo]phenoxy]acetyl]glycyl]-L-ornithyl]-L-ornithyl]-L-ornithylglycyl]amino]- (9CI)

MF C159 H150 N42 O26

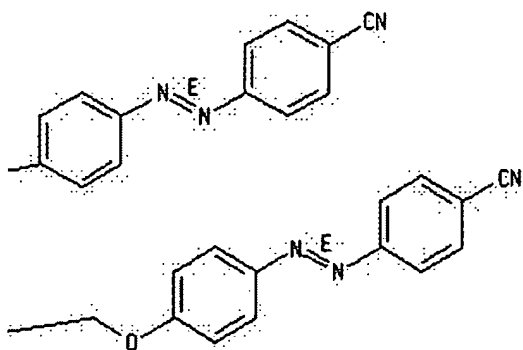
Absolute stereochemistry.
Double bond geometry as shown.

PAGE 1-A

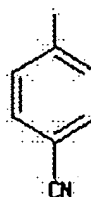
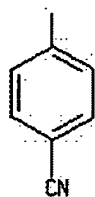




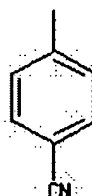
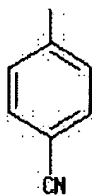
PAGE 1-D



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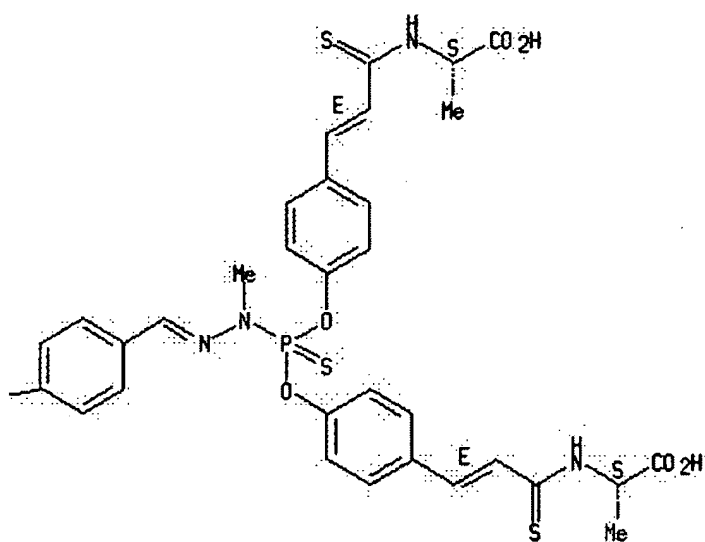
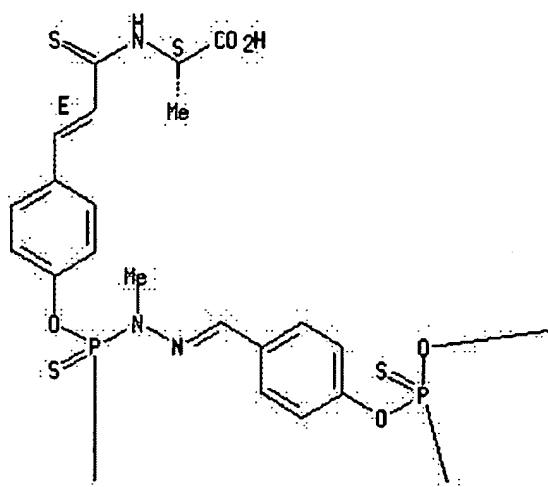
PAGE 2-C

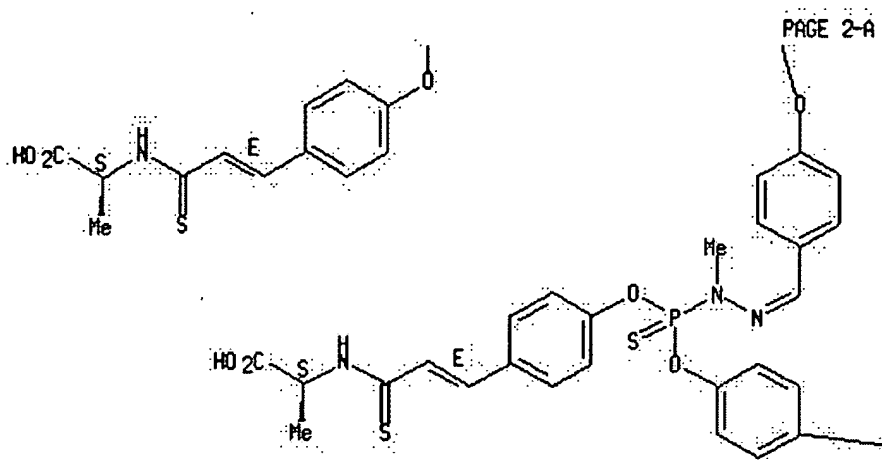


HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) .

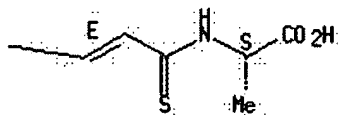
L17 10 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN L-Alanine, N,N',N'',N''',N''',N''''-[phosphinothiocyldynetris[oxy-4,1-phenylenemethylidene(1-methyl-1-hydrazinyl-2-ylidene)phosphinothiocyldyneb is[oxy-4,1-phenylene[(2E)-1-thioxo-2-propene-3,1-diyl]]]]hexakis- (9CI)
MF C96 H96 N12 O21 P4 S10

Relative stereochemistry.
Double bond geometry as described by E or Z.





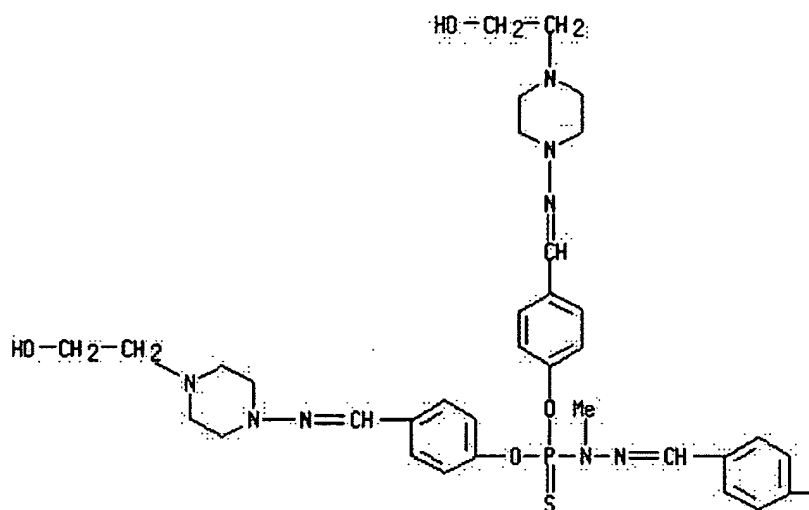
PAGE 2-B



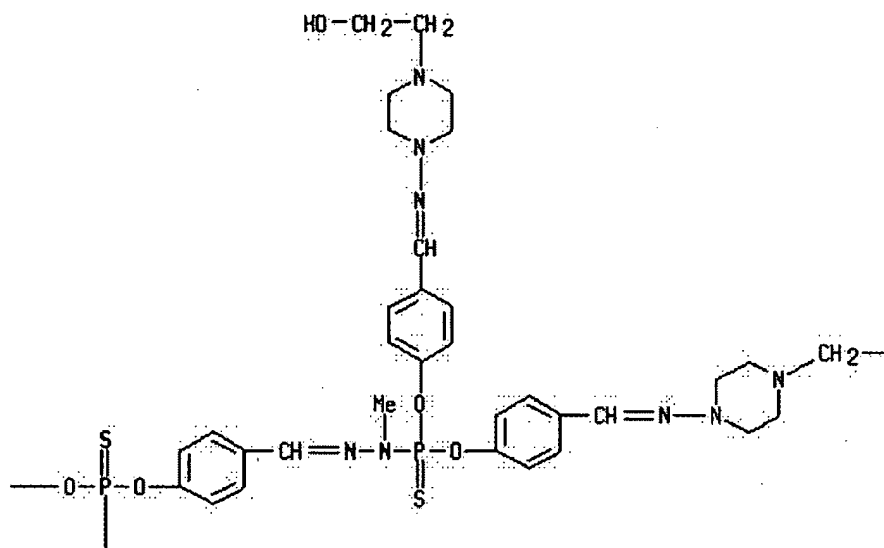
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) .

L17 10 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN Phosphorohydrazidothioic acid, 2,2',2''-[phosphinothioylidynetris(oxy-4,1-phenylenemethylidyne)]tris[1-methyl-, O,O,O,O,O,O-hexakis[4-[[[4-(2-hydroxyethyl)-1-piperazinyl]imino]methyl]phenyl] ester (9CI)
 MF C102 H132 N24 O15 P4 S4

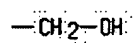
PAGE 1-A



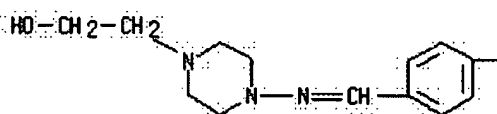
PAGE 1-B



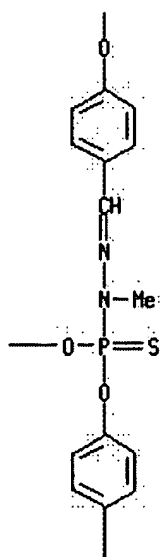
PAGE 1-C



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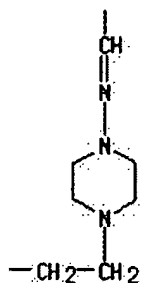
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PAGE 3-A

HO—

PAGE 3-B



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1)end

=> log h

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
15.05	15.26

FULL ESTIMATED COST

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 07:19:05 ON 22 SEP 2005

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *

SESSION RESUMED IN FILE 'REGISTRY' AT 07:27:55 ON 22 SEP 2005

FILE 'REGISTRY' ENTERED AT 07:27:55 ON 22 SEP 2005

COPYRIGHT (C) 2005 American Chemical Society (ACS)

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
15.05	15.26

FULL ESTIMATED COST

=>

Uploading structure
screen 1996 AND 1702

L18 SCREEN CREATED

=>

L19 STRUCTURE UPLOADED

=>

L20 QUE L19 AND L18

=> s sam l20

SAMPLE SEARCH INITIATED 07:28:37 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 391 TO ITERATE

100.0% PROCESSED 391 ITERATIONS (1 INCOMPLETE) 1 ANSWERS
 SEARCH TIME: 00.00.02

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 6634 TO 9006

PROJECTED ANSWERS: 1 TO 80

L21 1 SEA SSS SAM L19 AND L18

=> d scan

L21 1 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 ITERATION INCOMPLETE

IN α 1-13-Corticotropin, N-[4-[3-(trifluoromethyl)-3H-diazirin-3-yl]benzoyl]-4-L-norleucine-13-(4-azido-L-phenylalaninamide)- (9CI)

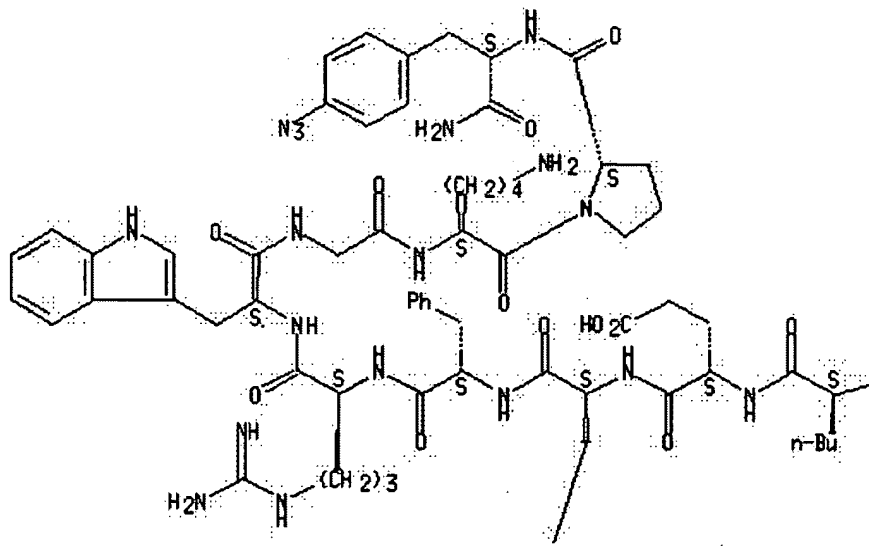
SQL 13

MF C89 H111 F3 N26 O19

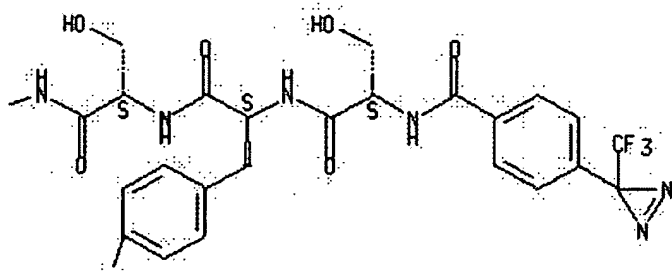
RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.

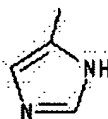
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PAGE 1-B



PAGE 2-A



PAGE 2-B



ALL ANSWERS HAVE BEEN SCANNED

=> s l20 sss full

FULL SEARCH INITIATED 07:31:38 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 8152 TO ITERATE

100.0% PROCESSED 8152 ITERATIONS (23 INCOMPLETE)
 SEARCH TIME: 00.00.13

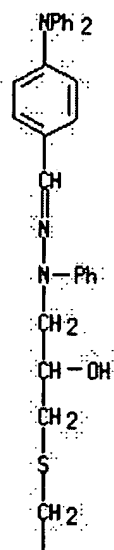
26 ANSWERS

L22 26 SEA SSS FUL L19 AND L18

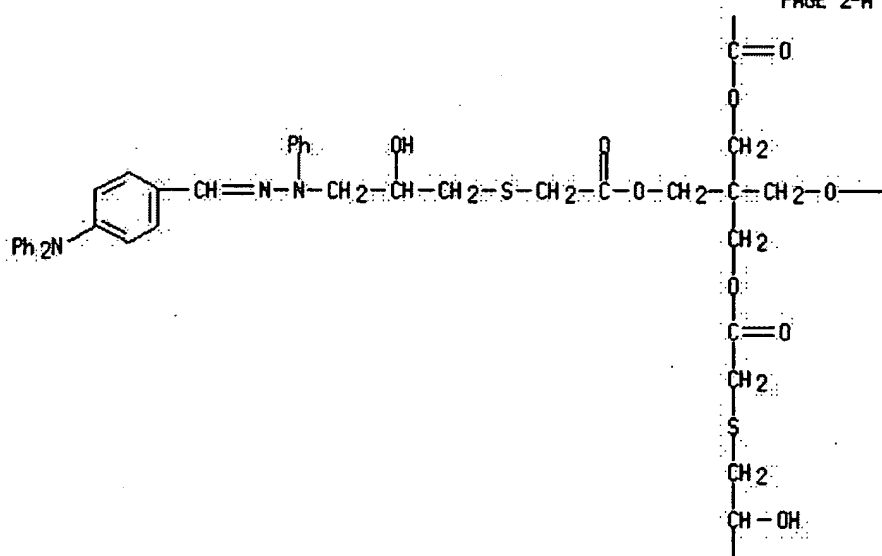
=> d scan

L22 26 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN INDEX NAME NOT YET ASSIGNED
 MF C125 H120 N12 O12 S4

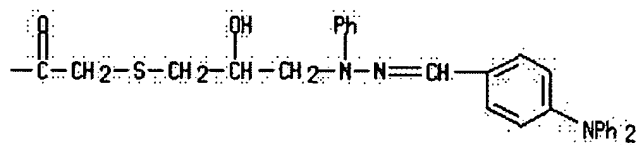
PAGE 1-A



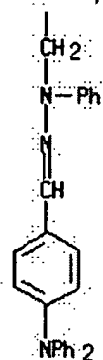
PAGE 2-A



PAGE 2-B



PAGE 3-A



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

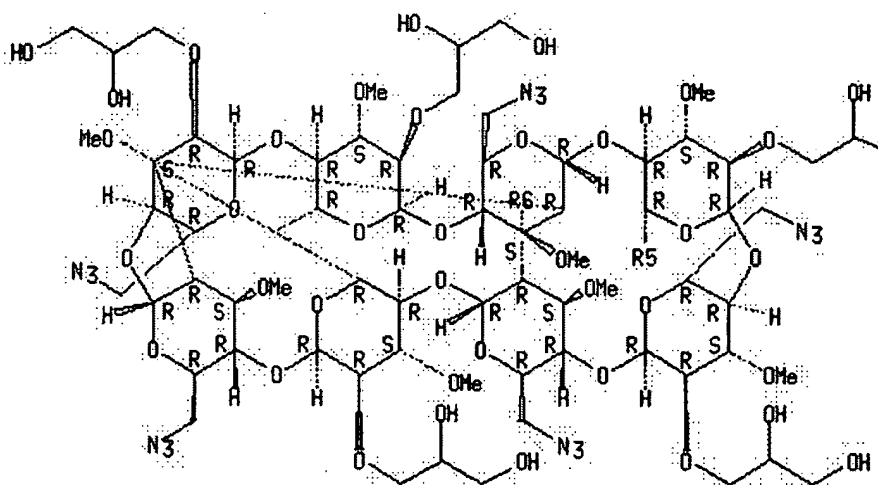
L22 26 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 ITERATION INCOMPLETE

IN γ -Cyclodextrin, 6A, 6B, 6C, 6D, 6E, 6F, 6G, 6H-octaazido-
 6A, 6B, 6C, 6D, 6E, 6F, 6G, 6H-octadeoxy-2A, 2B, 2C, 2D, 2E, 2F, 2G, 6H-octakis-O-(2, 3-
 dihydroxypropyl)-3A, 3B, 3C, 3D, 3E, 3F, 3G, 3H-octa-O-methyl- (9CI)

MF C80 H136 N24 O48

Absolute stereochemistry.

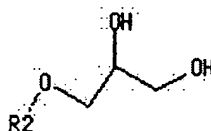
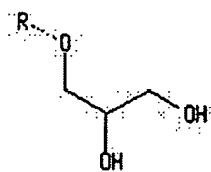
PAGE 1-A



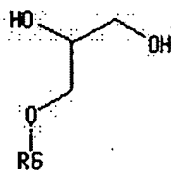
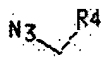
PAGE 1-B



PAGE 2-A



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HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) .

L22 26 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
ITERATION INCOMPLETE

IN α 1-13-Corticotropin (swine), N-[3-[(4-azidophenyl)dithio]-1-oxopropyl]-13-(4-azido-L-phenylalaninamide)- (9CI)

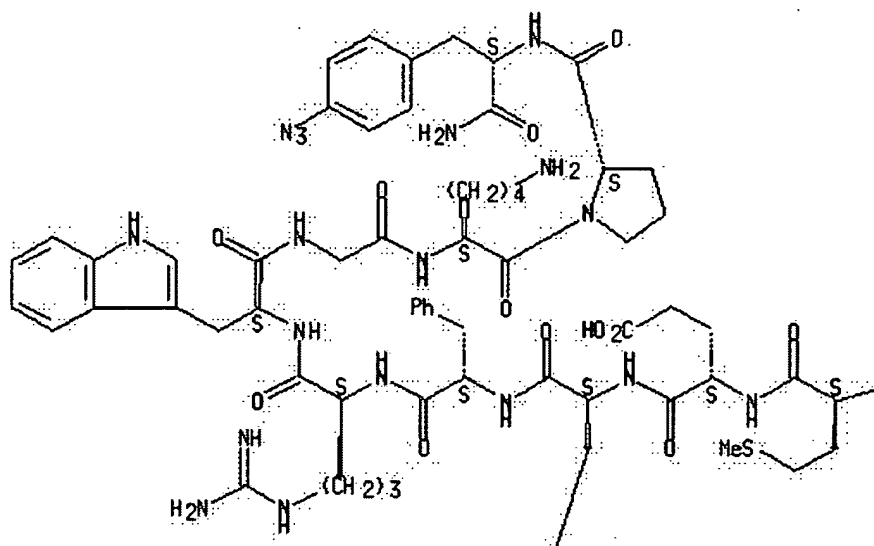
SQL 13

MF C88 H113 N27 O19 S3

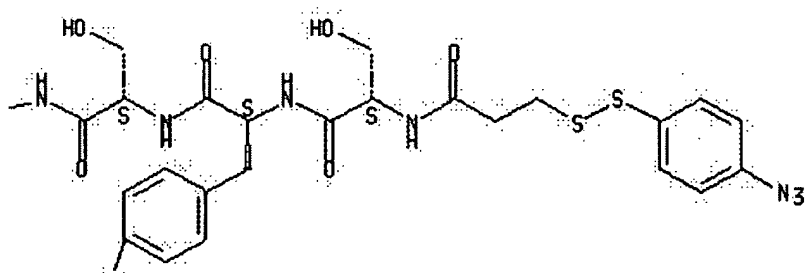
RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.

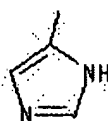
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PAGE 2-B

HO

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L22 26 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 ITERATION INCOMPLETE

IN α 1-13-Corticotropin, N-[4-[3-(trifluoromethyl)-3H-diazirin-3-yl]benzoyl]-4-L-norleucine-7-D-phenylalanine-13-(4-azido-L-phenylalaninamide)- (9CI)

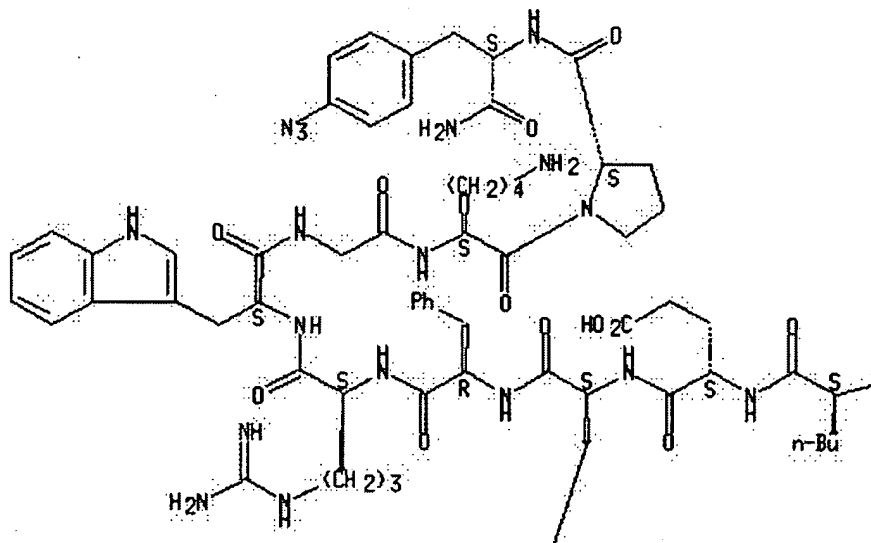
SQL 13

MF C89 H111 F3 N26 O19

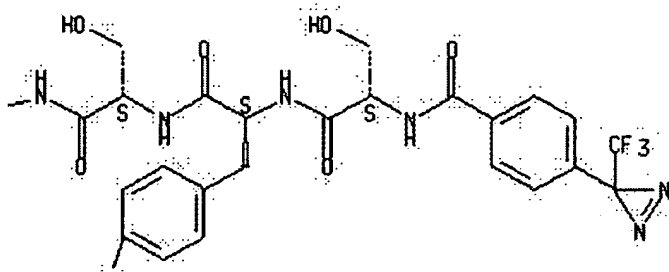
RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.

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HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L22 26 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

ITERATION INCOMPLETE

IN α 1-13-Corticotropin, N-[4-[3-(trifluoromethyl)-3H-diazirin-3-yl]benzoyl]-4-L-norleucine-13-(4-azido-L-phenylalaninamide)- (9CI)

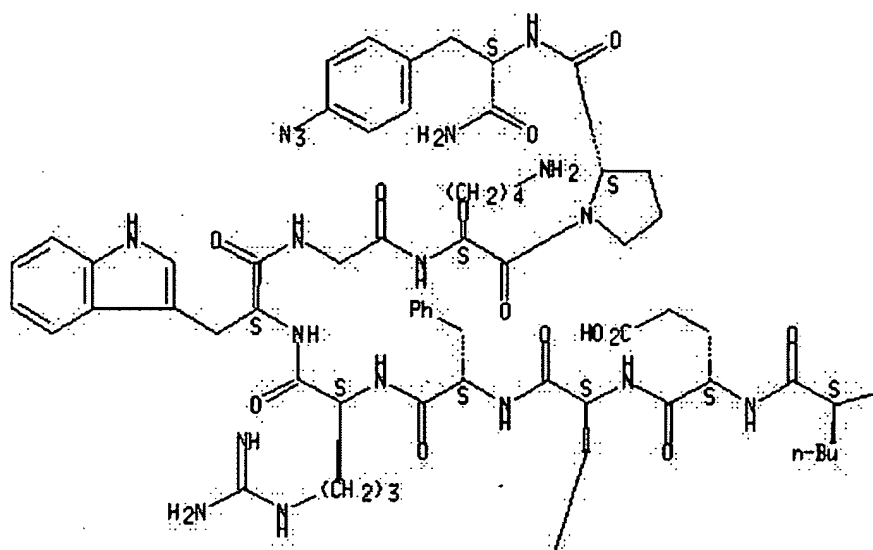
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MF C89 H111 F3 N26 O19

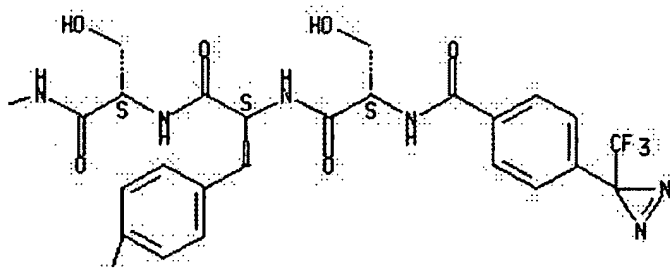
RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.

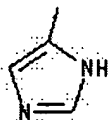
PAGE 1-A



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HO

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L22 26 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
ITERATION INCOMPLETE

IN α 1-13-Corticotropin, N-[3-[(4-azidophenyl)dithio]-1-oxopropyl]-4-L-norleucine-9-[1-[(4-azido-2-nitrophenyl)thio]-L-tryptophan]-13-(4-azido-L-phenylalaninamide)- (9CI)

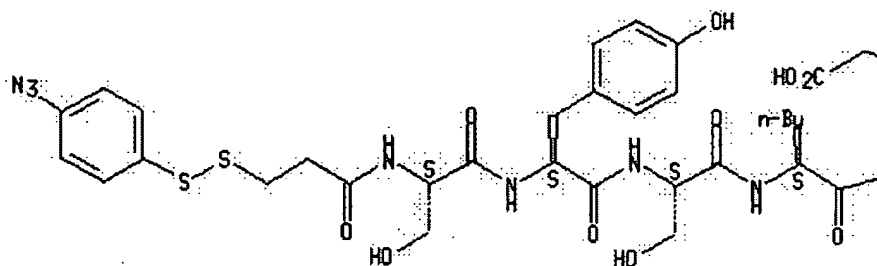
SQL 13

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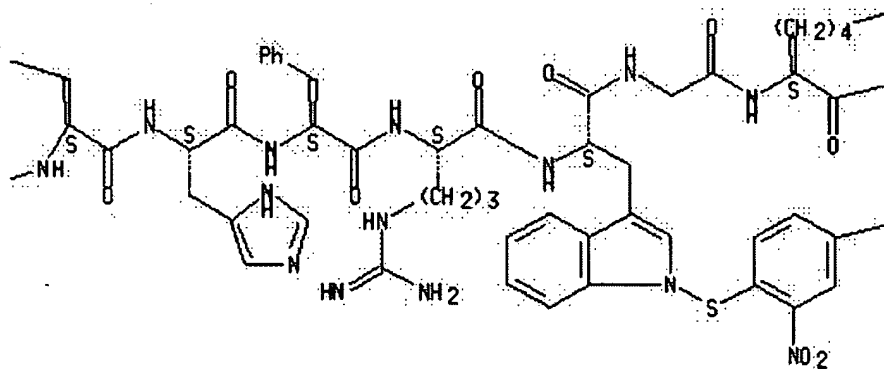
RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.

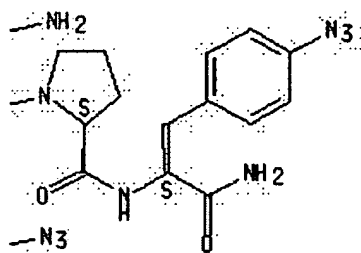
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HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

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ITERATION INCOMPLETE

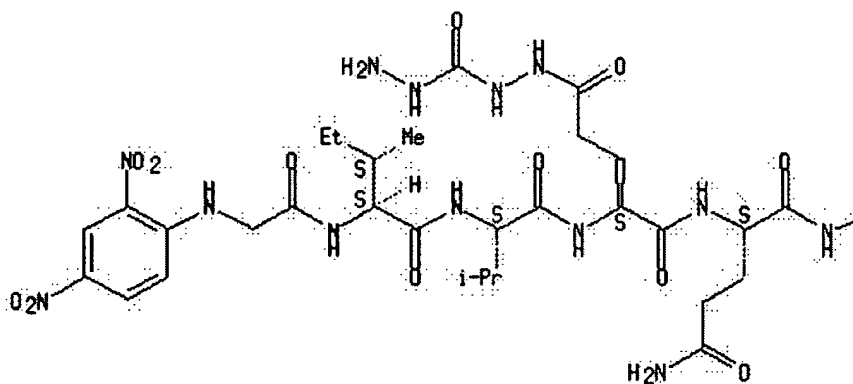
IN Insulin (cattle-A reduced), N-(2,4-dinitrophenyl)-, tris[2-(hydrazinocarbonyl)hydrazide], 6,7,11,20-tetrakis(hydrogen sulfate) (9CI)

SQL 21

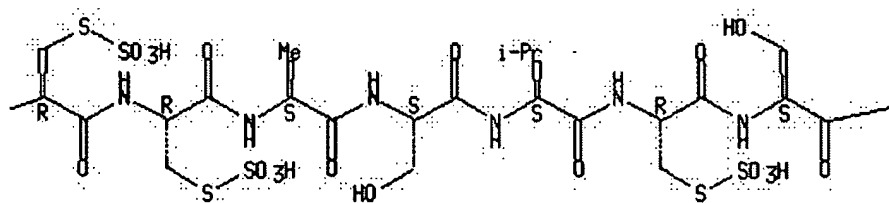
MF C106 H165 N39 O50 S8

Absolute stereochemistry.

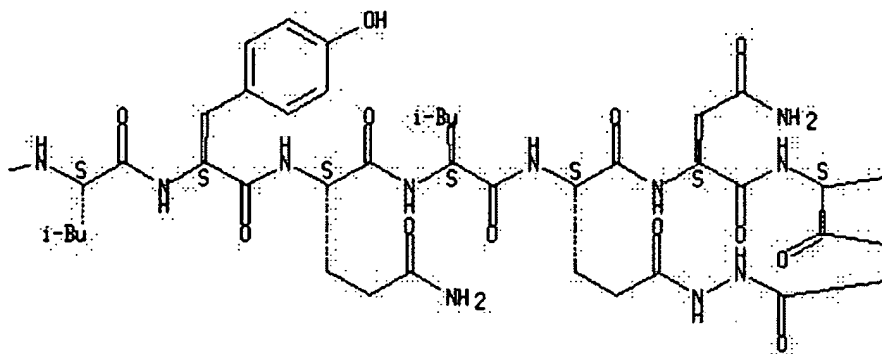
PAGE 1-A



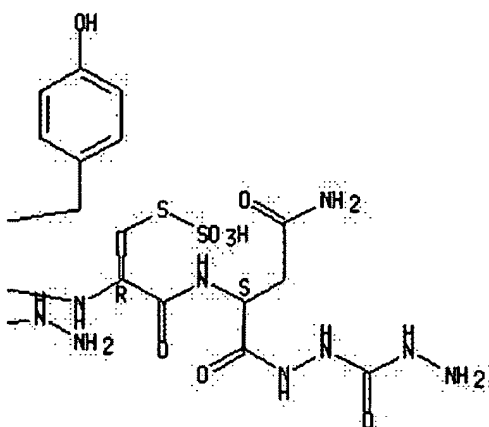
PAGE 1-B



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HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) .

L22 26 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
ITERATION INCOMPLETE

IN α 1-13-Corticotropin, N-[4-[3-(trifluoromethyl)-1-diaziridinyl]benzoyl]-13-(4-azido-L-phenylalaninamide)- (9CI)

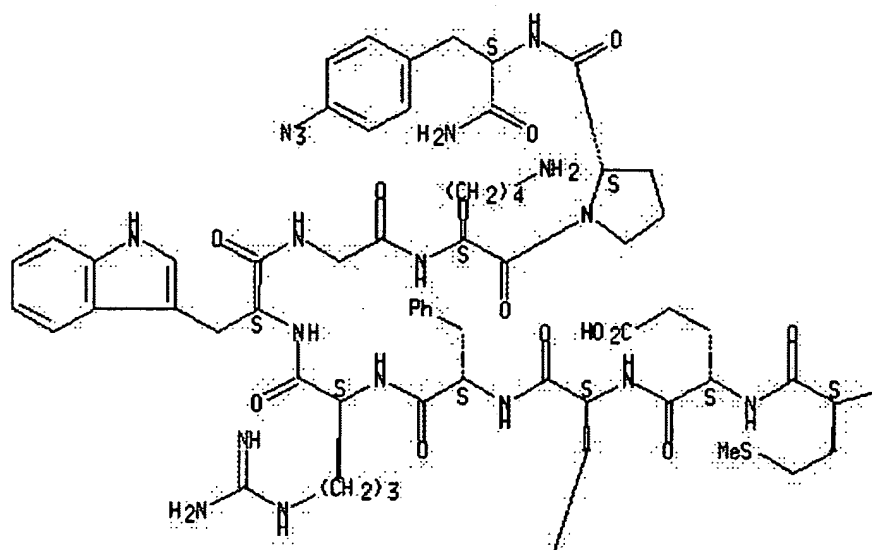
SQL 13

MF C88 H111 F3 N26 O19 S

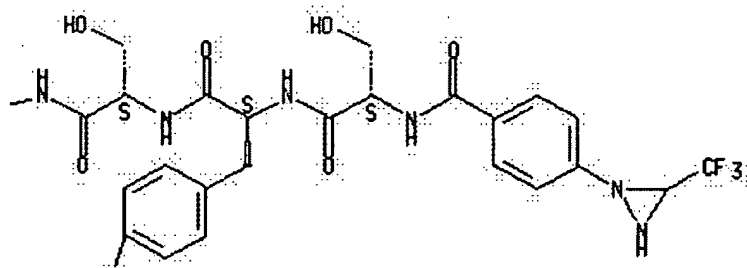
RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.

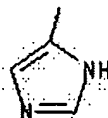
PAGE 1-A



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HO

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

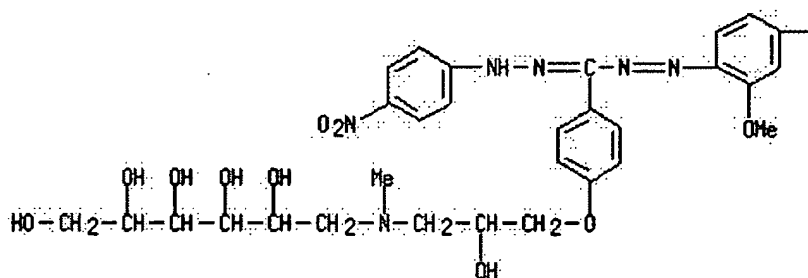
L22 26 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

ITERATION INCOMPLETE

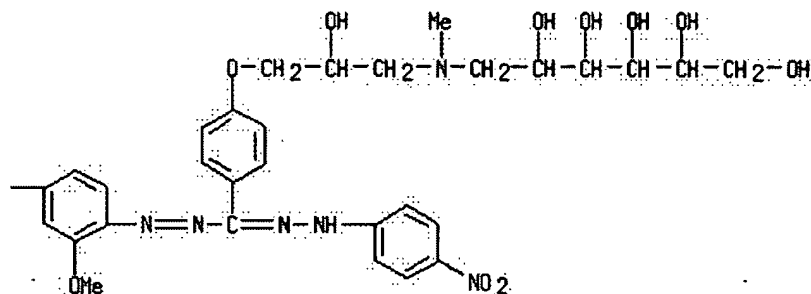
IN D-Glucitol, 1,1'-[(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis[azo[(4-nitrophenyl)carbonohydrazonoyl]-4,1-phenyleneoxy(2-hydroxy-3,1-propanediyl)(methylimino)]]bis[1-deoxy- (9CI)

MF C60 H74 N12 O20

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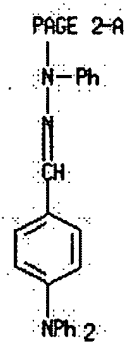
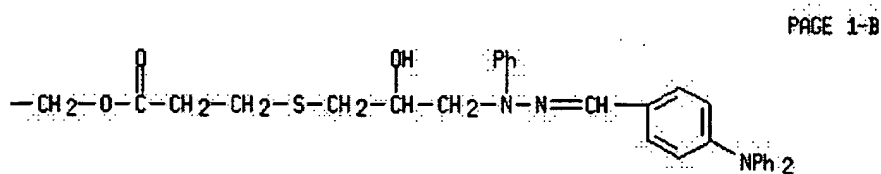
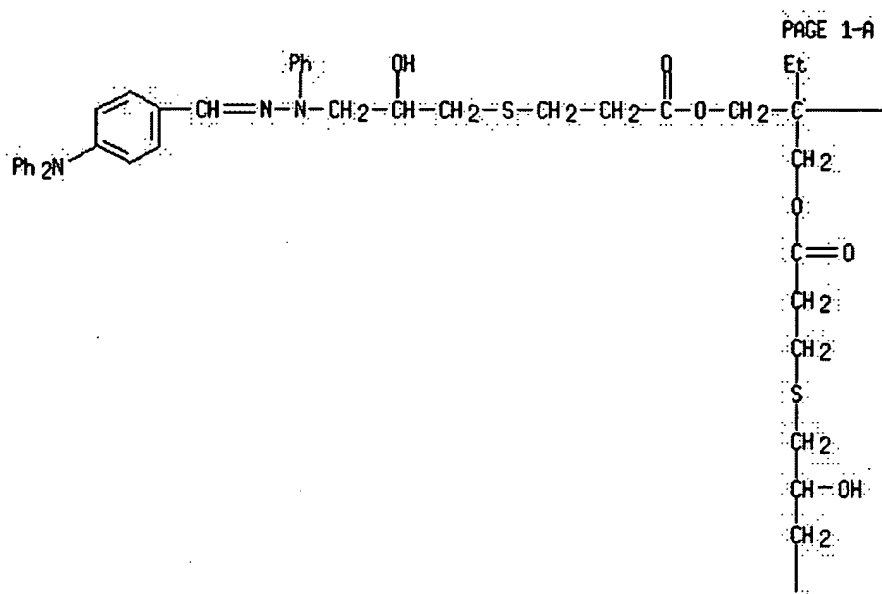
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L22 26 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

IN INDEX NAME NOT YET ASSIGNED

MF C99 H101 N9 O9 S3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1)end

=> fil ca; s 122

COST IN U.S. DOLLARS

SINCE FILE
ENTRYTOTAL
SESSION

FULL ESTIMATED COST

180.25

180.46

FILE 'CA' ENTERED AT 07:33:44 ON 22 SEP 2005

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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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FILE LAST UPDATED: 15 Sep 2005 (20050915/ED)

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L23 12 L22

=> d fbib hitstr 1-12; fil stnguide

L23 ANSWER 1 OF 12 CA COPYRIGHT 2005 ACS on STN

Full Text

AN 143:115341 CA

TI Preparation of organophotoreceptors with charge transport materials having three linked hydrazone groups

IN Tokarski, Zbigniew; Paulauskaite, Ingrida; Sidaravicius, Jonas; Jubran, Nusrallah; Jankauskas, Vygintas; Getautis, Vytautas

PA Samsung Electronics Co., Ltd., S. Korea

SO Eur. Pat. Appl., 25 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN: CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1550653	A1	20050706	EP 2004-257415	20041130
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR, IS, YU				
	US 2005147903	A1	20050707	US 2003-749418	A 20031231
	JP 2005196201	A2	20050721	US 2003-749418	A 20031231
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IT 857520-85-5P 857520-86-6P 857520-87-7P

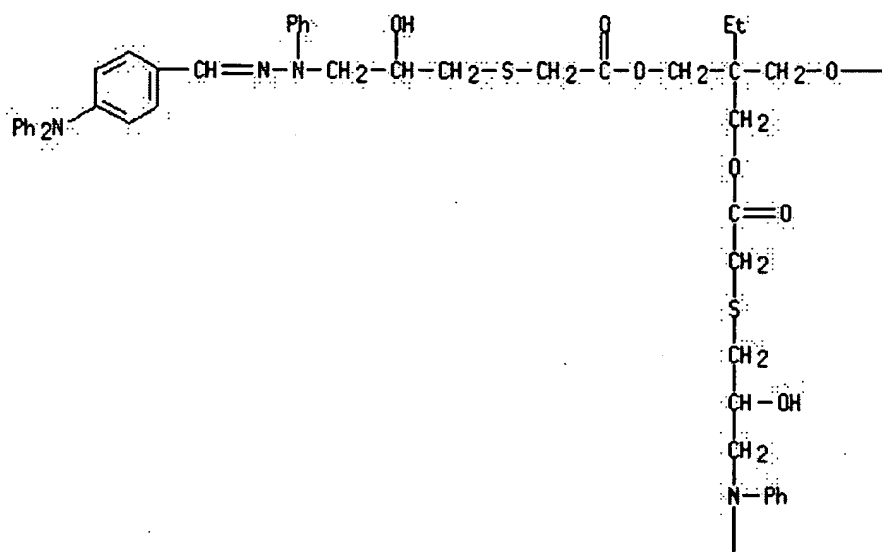
RL: DEV (Device component use); PRP (Properties); SPN (Synthetic preparation); PREP (Preparation); USES (Uses)

(prepn. of organophotoreceptors with charge transport materials having three linked hydrazone groups)

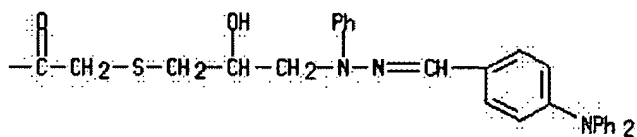
RN 857520-85-5 CA

CN INDEX NAME NOT YET ASSIGNED

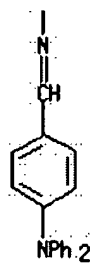
PAGE 1-A



PAGE 1-B

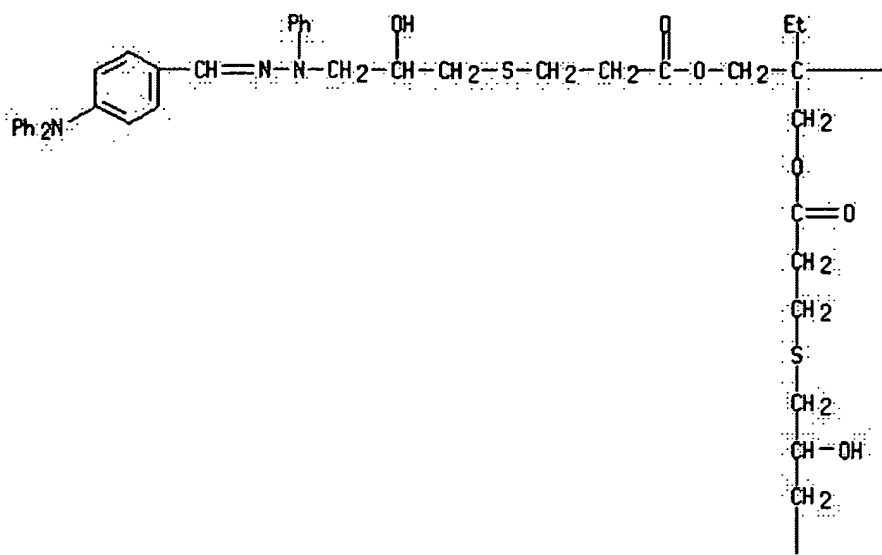


PAGE 2-A

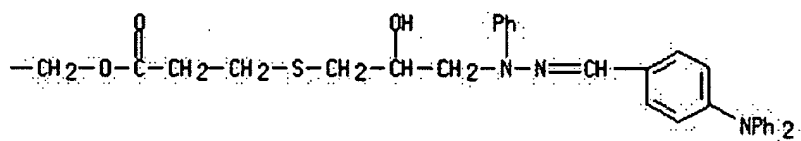


RN 857520-86-6 CA
 CN INDEX NAME NOT YET ASSIGNED

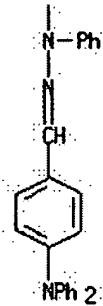
PAGE 1-A



PAGE 1-B

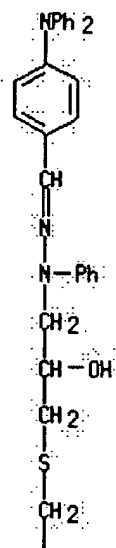


PAGE 2-A

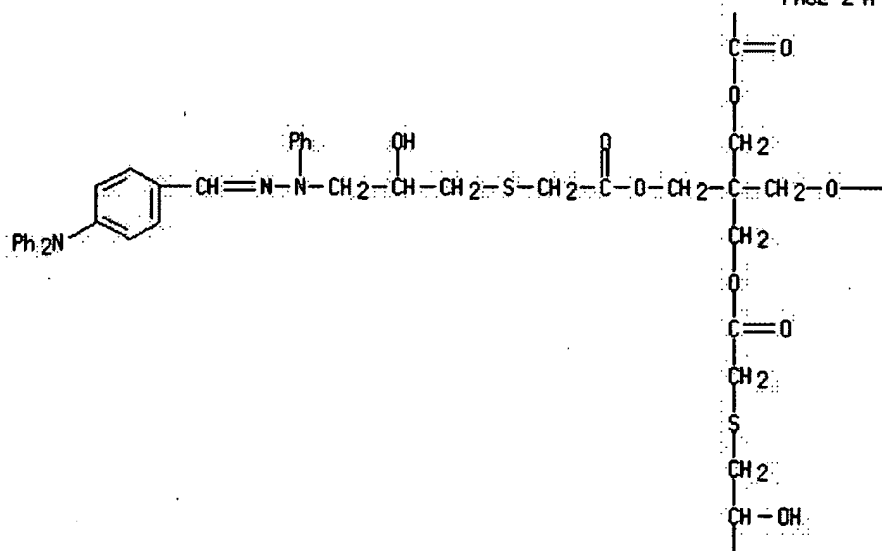


RN 857520-87-7 CA
 CN INDEX NAME NOT YET ASSIGNED

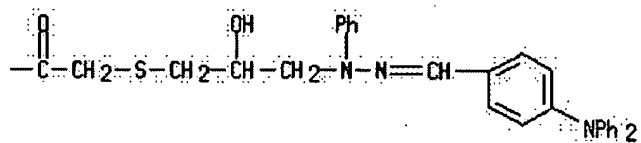
PAGE 1-A



PAGE 2-A



PAGE 2-B



PAGE 3-A



RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 2 OF 12 CA COPYRIGHT 2005 ACS on STN

Full Text

AN 142:56584 CA

TI A homologous series of persubstituted cyclodextrin amino acids: The quest for tubular self-assembly

AU Kraus, Tomas; Budesinsky, Milos; Cisarova, Ivana; Zavada, Jiri

CS Institute of Organic Chemistry and Biochemistry, Academy of Sciences of the Czech Republic, Prague, 16610/6, Czech Rep.

SO European Journal of Organic Chemistry (2004), (19), 4060-4069
CODEN: EJOCFK; ISSN: 1434-193X

PB Wiley-VCH Verlag GmbH Co. KGaA

DT Journal

LA English

OS CASREACT 142:56584

IT 805231-66-7P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

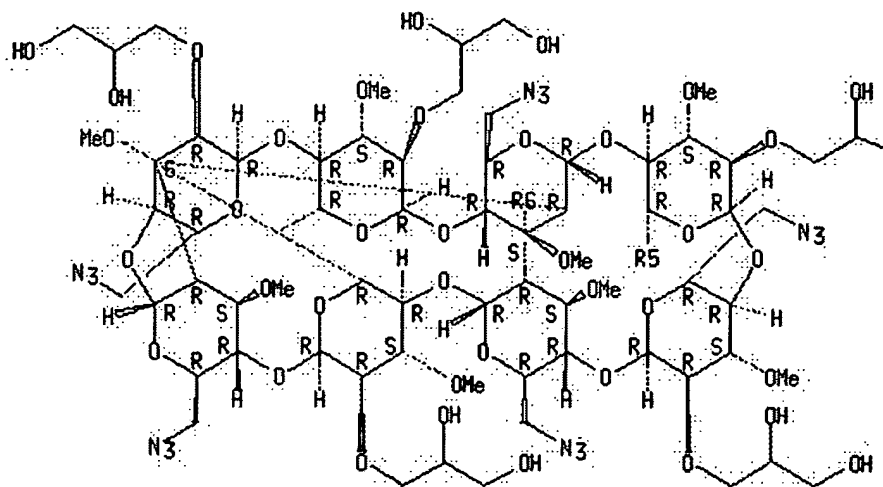
(prepn. and oxidative glycol cleavage of; prepn. and tubular self-assembly of a homologous series of aminodeoxy carboxymethyl persubstituted cyclodextrins)

RN 805231-66-7 CA

CN γ -Cyclodextrin, 6A,6B,6C,6D,6E,6F,6G,6H-octaazido-6A,6B,6C,6D,6E,6F,6G,6H-octadeoxy-2A,2B,2C,2D,2E,2F,2G,6H-octakis-O-(2,3-dihydroxypropyl)-3A,3B,3C,3D,3E,3F,3G,3H-octa-O-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

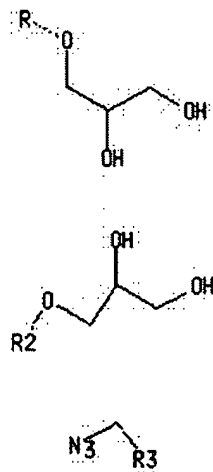
PAGE 1-A

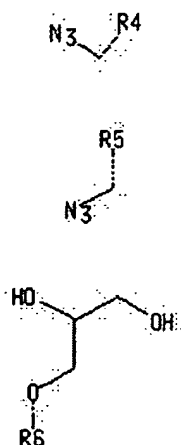


PAGE 1-B



PAGE 2-A





RE.CNT 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 3 OF 12 CA COPYRIGHT 2005 ACS on STN

Full Text

AN 122:257011 CA

TI Transformation of an irreversible MSH antagonist into an irreversible MSH agonist by differential receptor crosslinking using the photo-affinity technique

AU Eberle, Alex N.

CS Lab. Endocrinol., Univ. Hosp., Basel, CH-4031, Switz.

SO Journal of Molecular Recognition (1995), 8(1/2), 47-51
CODEN: JMORE4; ISSN: 0952-3499

PB Wiley

DT Journal

LA English

IT 162523-63-9 162523-64-0

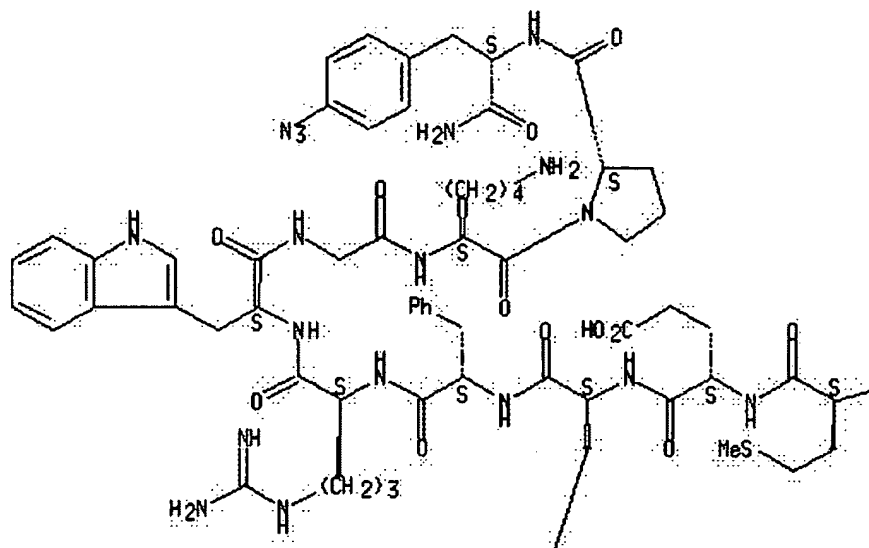
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)
(transformation of an irreversible MSH antagonist into an irreversible MSH agonist by differential receptor crosslinking using the photo-affinity technique)

RN 162523-63-9 CA

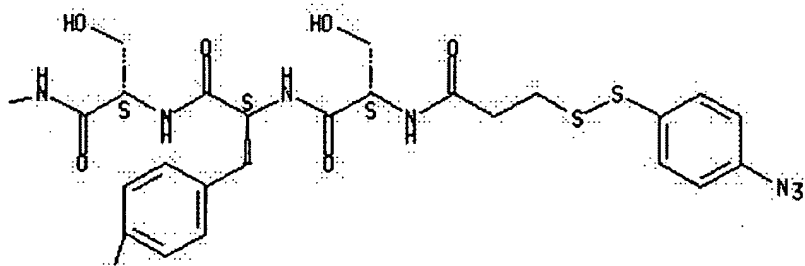
CN α 1-13-Corticotropin (swine), N-[3-[(4-azidophenyl)dithio]-1-oxopropyl]-13-(4-azido-L-phenylalaninamide)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

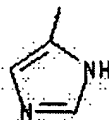
PAGE 1-A



PAGE 1-B



PAGE 2-A

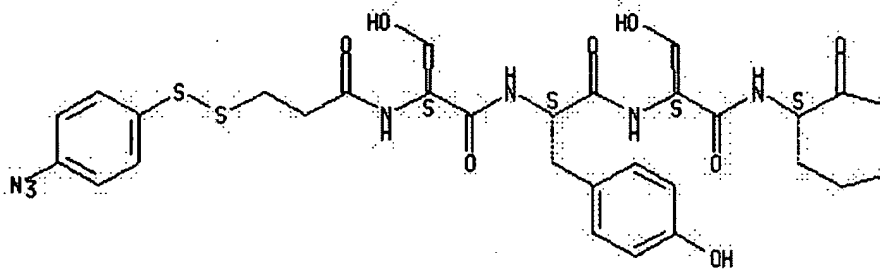


HO

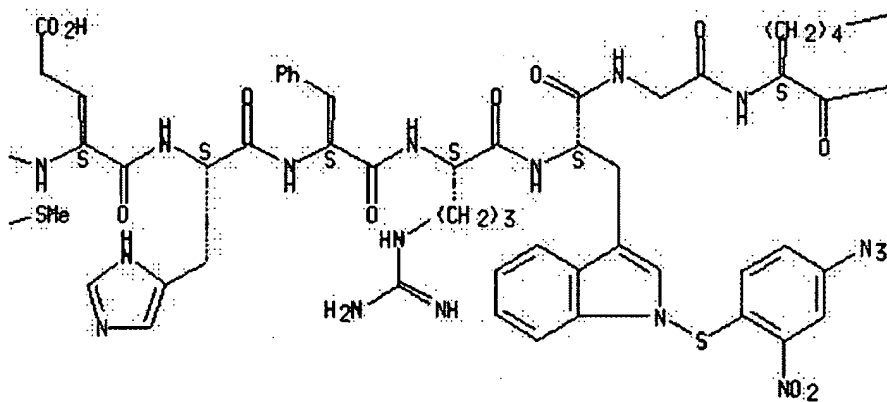
RN 162523-64-0 CA
 CN α 1-13-Corticotropin (swine), N-[3-[(4-azidophenyl)dithio]-1-oxopropyl]-9-[1-[(4-azido-2-nitrophenyl)thio]-L-tryptophan]-13-L-valinamide- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

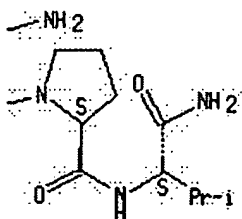
PAGE 1-A



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IT 123557-40-4P 162523-60-6P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

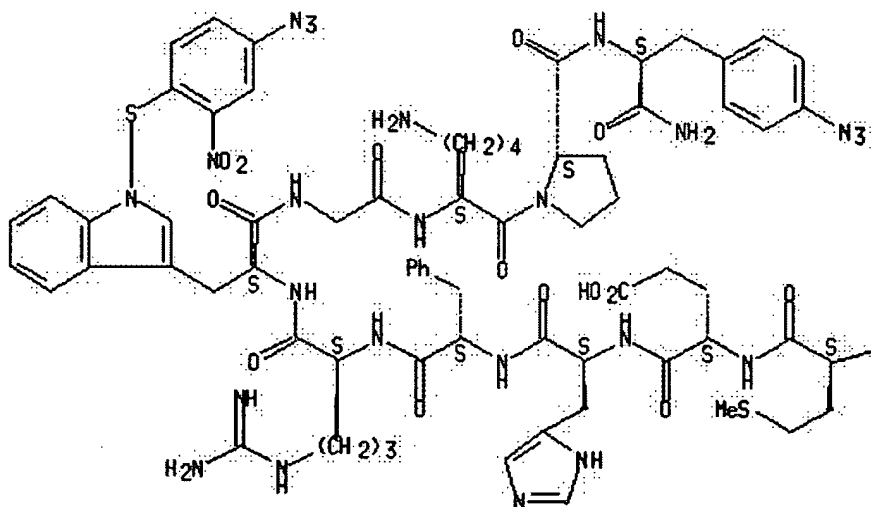
(transformation of an irreversible MSH antagonist into an irreversible MSH agonist by differential receptor crosslinking using the photo-affinity technique)

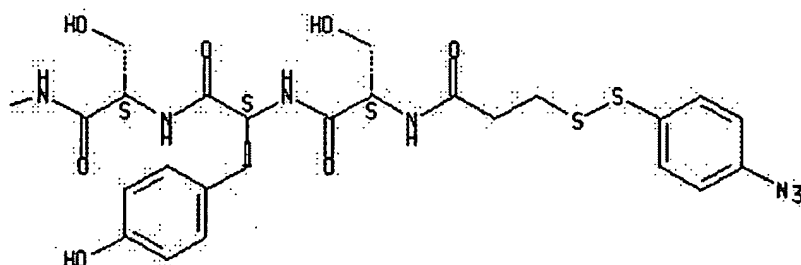
RN 123557-40-4 CA

CN α1-13-Corticotropin, N-[3-[(4-azidophenyl)dithio]-1-oxopropyl]-9-[1-[(4-azido-2-nitrophenyl)thio]-L-tryptophan]-13-(4-azido-L-phenylalaninamide)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A

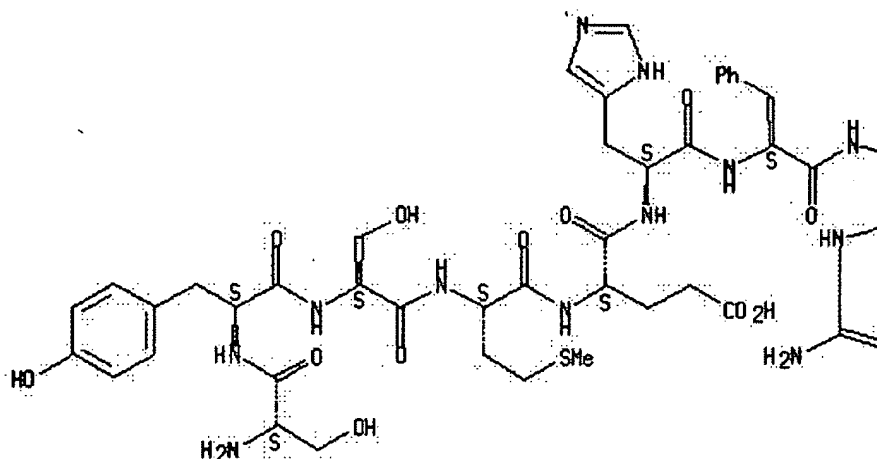


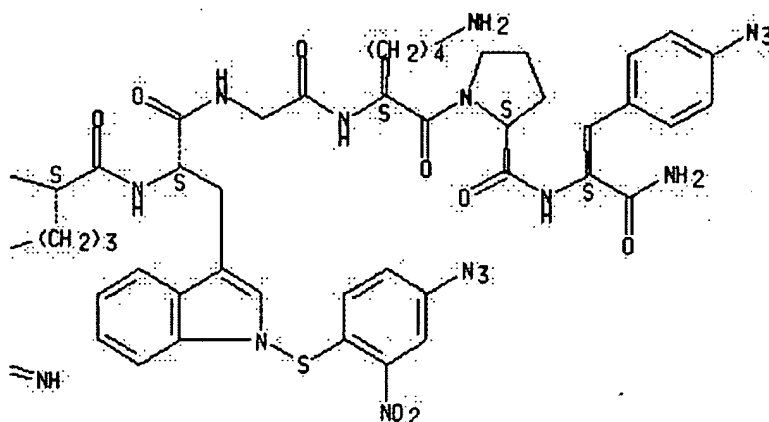


RN 162523-60-6 CA

CN α 1-13-Corticotropin (swine), 9-[1-[(4-azido-2-nitrophenyl)thio]-L-tryptophan]-13-(4-azido-L-phenylalaninamide)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.





L23 ANSWER 4 OF 12 CA COPYRIGHT 2005 ACS on STN

Full Text

AN 118:213504 CA

TI Solid phase peptide synthesis and application of photoreactive peptides

AU Eberle, Alex N.; Drozd, Roma; Bagutti, Claudia; Solca, Flavio; Siegrist, Walter; Girard, Juerg

CS Dep. Res., Univ. Hosp., Basel, CH-4031, Switz.

SO Innovation Perspect. Solid Phase Synth. Collect. Pap., Int. Symp., 2nd (1992), Meeting Date 1991, 95-103. Editor(s): Epton, Roger. Publisher: Intercept, Andover, UK.

CODEN: 58OLAK

DT Conference

LA English

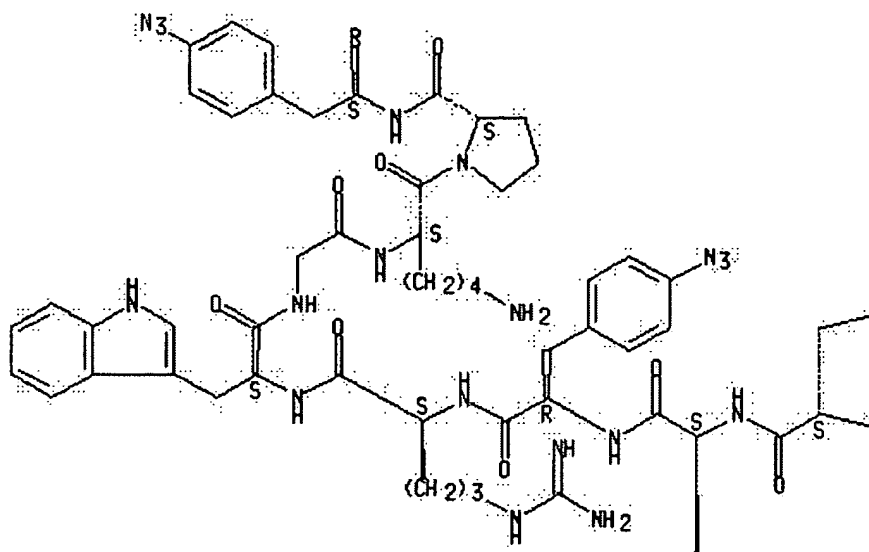
IT 147241-93-8P

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of, by solid-phase method)

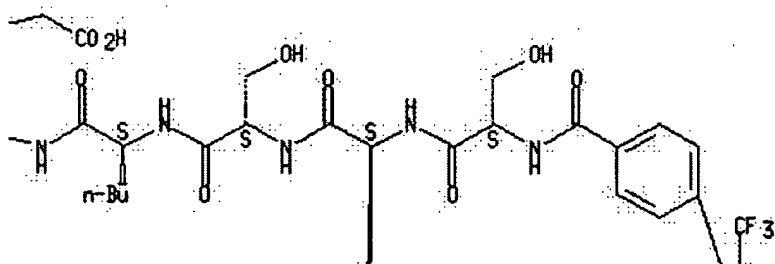
RN 147241-93-8 CA

CN α 1-13-Corticotropin, N-[4-[3-(trifluoromethyl)-3H-diazirin-3-yl]benzoyl]-4-L-norleucine-7-(4-azido-D-phenylalanine)-13-(4-azido-L-phenylalaninamide)- (9CI) (CA INDEX NAME)

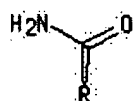
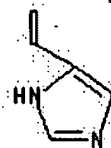
Absolute stereochemistry.



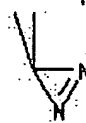
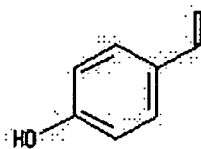
PAGE 1-B



PAGE 2-A



PAGE 2-B



L23 ANSWER 5 OF 12 CA COPYRIGHT 2005 ACS on STN

Full Text

AN 118:183674 CA

TI Peptides containing multiple photolabels: a new tool for the analysis of ligand-receptor interactions

AU Eberle, Alex N.

CS Dep. Res., Univ. Child. Hosp., Basel, CH-4031, Switz.

SO Journal of Receptor Research (1993), 13(1-4), 27-37

CODEN: JRERDM; ISSN: 0197-5110

DT Journal

LA English

IT 147072-01-3

RL: BIOL (Biological study)

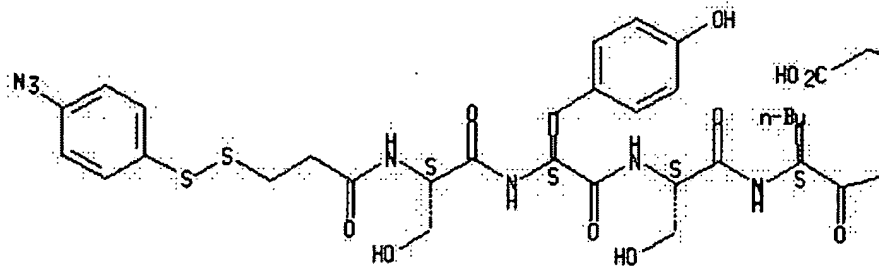
(7 α -MSH receptor inactivation by)

RN 147072-01-3 CA

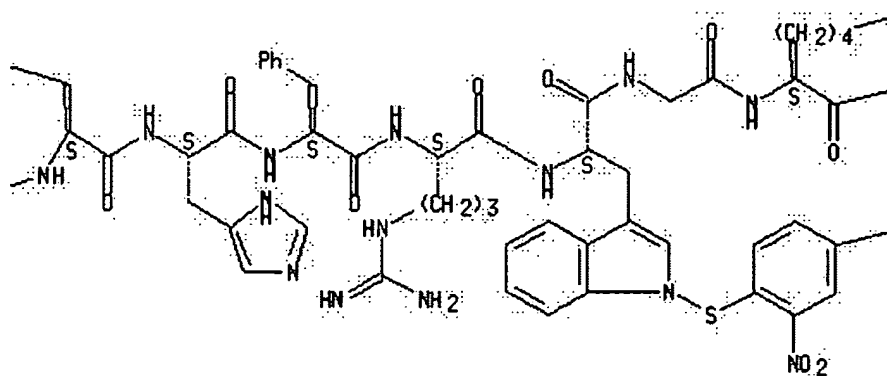
CN α 1-13-Corticotropin, N-[3-[(4-azidophenyl)dithio]-1-oxopropyl]-4-L-norleucine-9-[1-[(4-azido-2-nitrophenyl)thio]-L-tryptophan]-13-(4-azido-L-phenylalaninamide)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

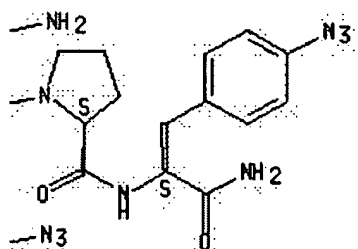
PAGE 1-A



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PAGE 1-C



IT 147072-00-2

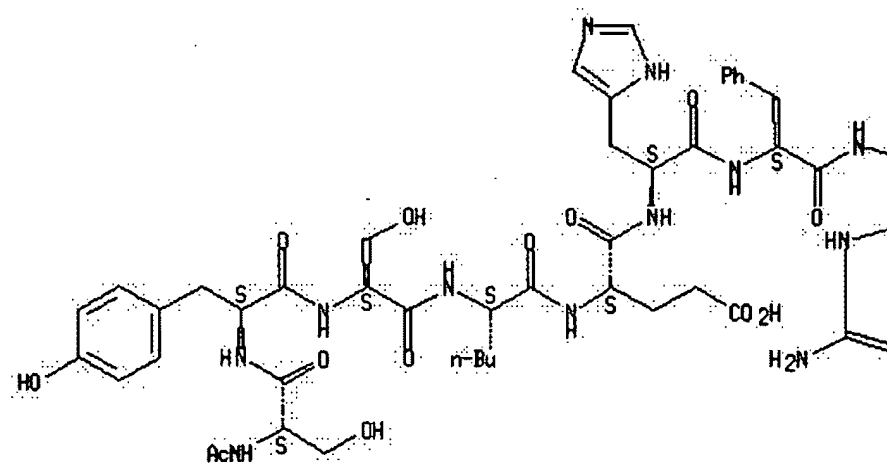
RL: BIOL (Biological study)
(α -MSH receptor activation by)

RN 147072-00-2 CA

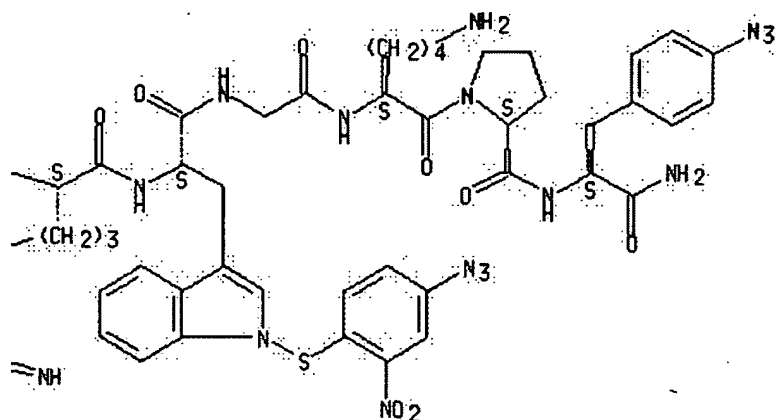
CN α -Melanotropin (swine), 4-L-norleucine-9-[1-[(4-azido-2-nitrophenyl)thio]-L-tryptophan]-13-(4-azido-L-phenylalaninamide)- (9CI)
(CA INDEX NAME)

Absolute stereochemistry.

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IT 147072-07-9 147072-08-0 147072-09-1

147102-14-5 147129-65-5 147129-66-6

RL: BIOL (Biological study)

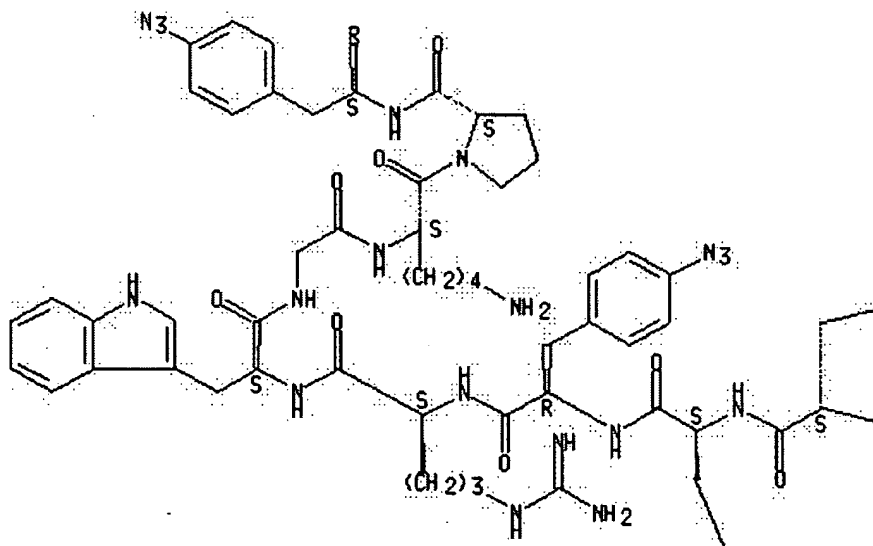
(α-MSH receptor activity response to)

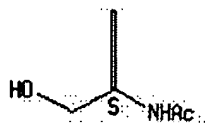
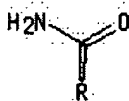
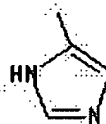
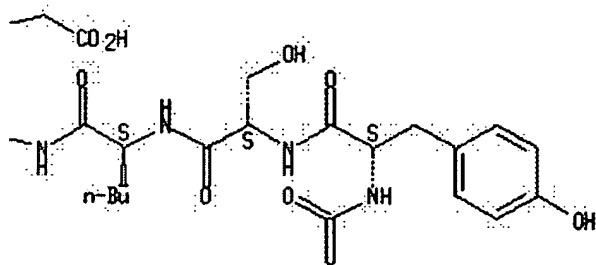
RN 147072-07-9 CA

CN α-Melanotropin (swine), 4-L-norleucine-7-(4-azido-D-phenylalanine)-
13-(4-azido-L-phenylalaninamide)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A

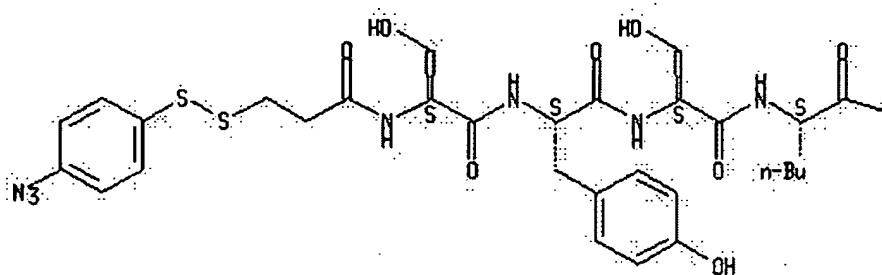




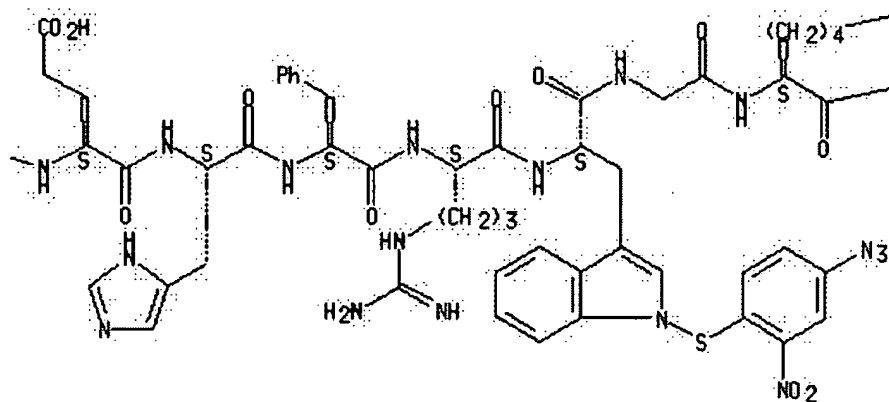
RN 147072-08-0 CA
 CN α 1-13-Corticotropin, N-[3-[(4-azidophenyl)dithio]-1-oxopropyl]-4-L-norleucine-9-[1-[(4-azido-2-nitrophenyl)thio]-L-tryptophan]-13-L-valinamide- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

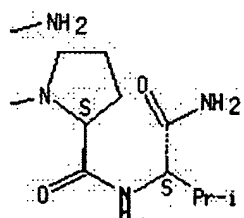
PAGE 1-A



PAGE 1-B



PAGE 1-C

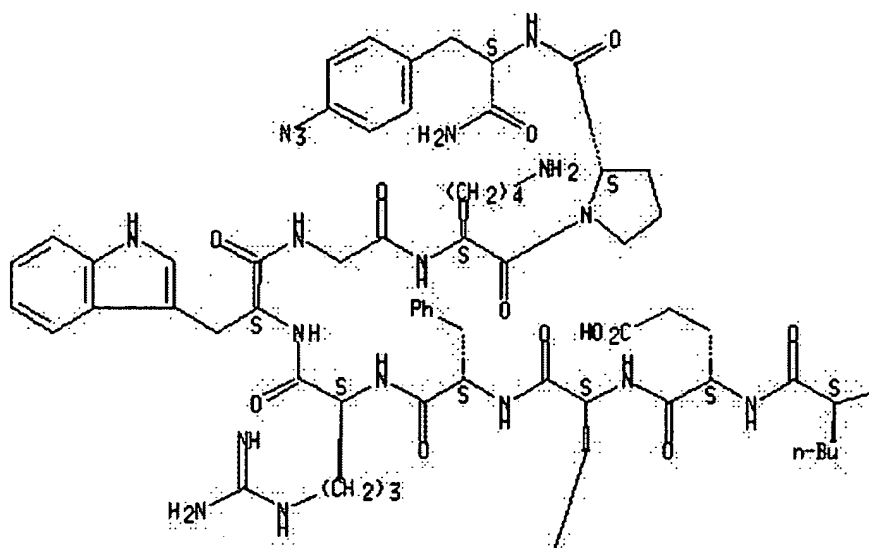


RN 147072-09-1 CA

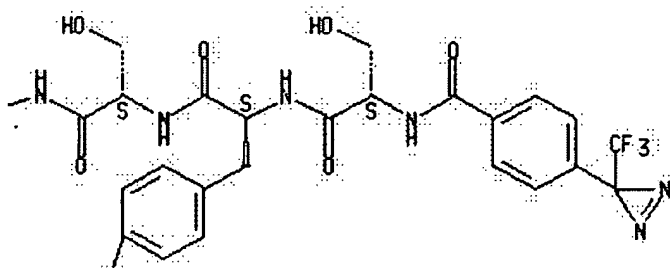
CN α 1-13-Corticotropin, N-[4-[3-(trifluoromethyl)-3H-diazirin-3-yl]benzoyl]-4-L-norleucine-13-(4-azido-L-phenylalaninamide) - (9CI) (CA INDEX NAME)

Absolute stereochemistry.

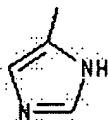
PAGE 1-A



PAGE 1-B



PAGE 2-A



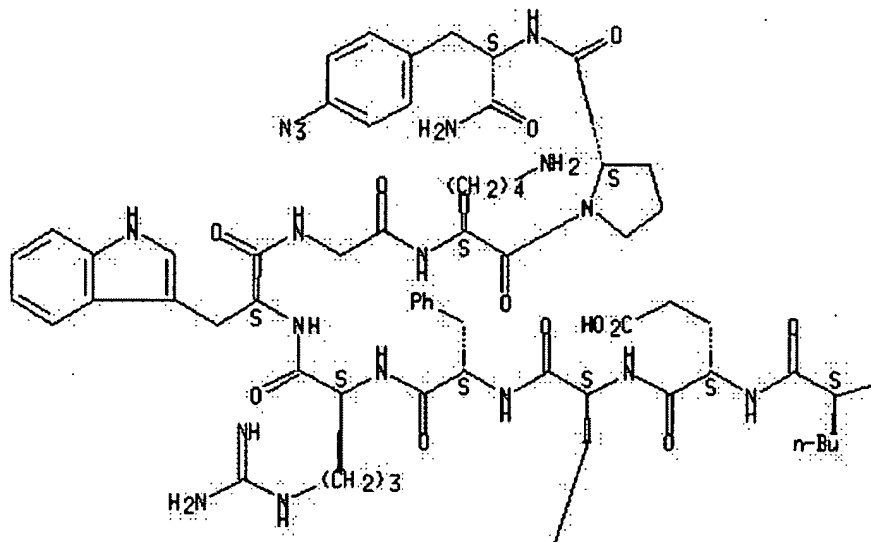
HO

RN 147102-14-5 CA

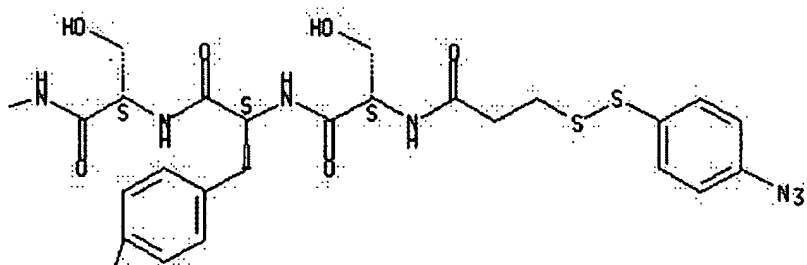
CN α 1-13-Corticotropin, N-[3-[(4-azidophenyl)dithio]-1-oxopropyl]-4-L-norleucine-13-(4-azido-L-phenylalaninamide)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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PAGE 2-B

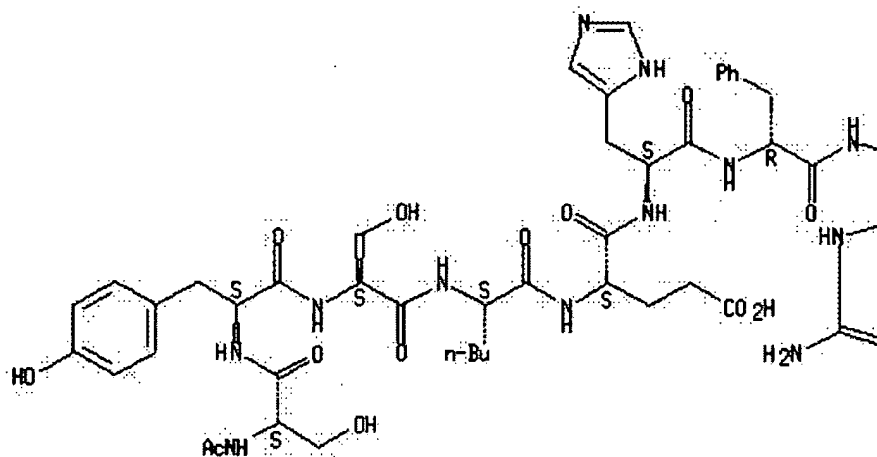


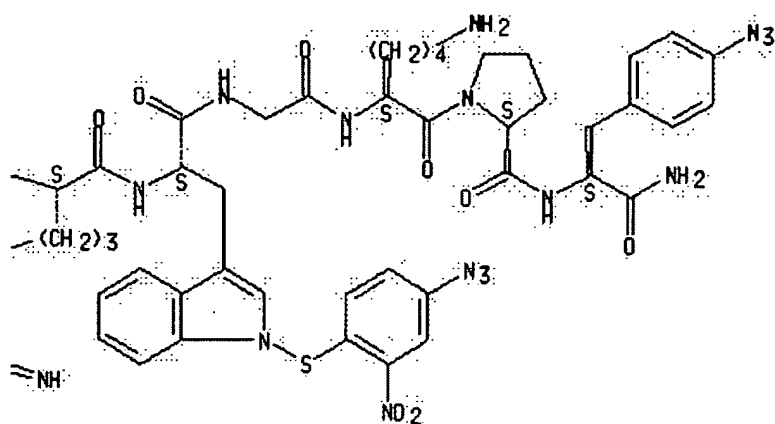
RN 147129-65-5 CA

CN α -Melanotropin (swine), 4-L-norleucine-7-D-phenylalanine-9-[1-[(4-azido-2-nitrophenyl)thio]-L-tryptophan]-13-(4-azido-L-phenylalaninamide)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A

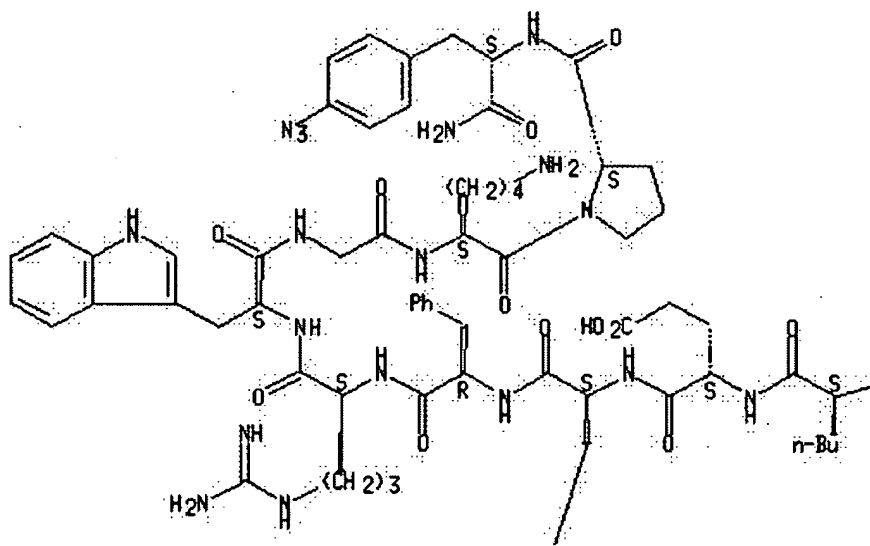




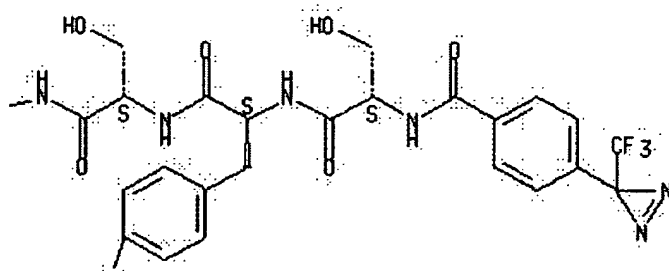
RN 147129-66-6 CA

CN α 1-13-Corticotropin, N-[4-[3-(trifluoromethyl)-3H-diazirin-3-yl]benzoyl]-4-L-norleucine-7-D-phenylalanine-13-(4-azido-L-phenylalaninamide)- (9CI) (CA INDEX NAME)

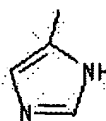
Absolute stereochemistry.



PAGE 1-B



PAGE 2-A



PAGE 2-B

L23 ANSWER 6 OF 12 CA COPYRIGHT 2005 ACS on STN

Full Text

AN 118:126483 CA
 TI Azo dimer and trimer fugitive tints and their use
 IN Hines, John B.; Barry, Carey N., Jr.
 PA Milliken Research Corp., USA
 SO U.S., 14 pp.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5108460	A	19920428	US 1990-600639	19901019
	EP 498104	A1	19920812	EP 1991-308737	19910925
	EP 498104	B1	19961023		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
				US 1990-600639	A 19901019
	AT 144546	E	19961115	AT 1991-308737	19910925

STN Columbus

AU 9185815	A1	19920430	US 1990-600639	A	19901019
AU 644483	B2	19931209	AU 1991-85815		19911015
CA 2053639	AA	19920420	US 1990-600639	A	19901019
JP 04285674	A2	19921009	CA 1991-2053639		19911017
JP 3117759	B2	20001218	US 1990-600639	A	19901019
			JP 1991-271440		19911018
			US 1990-600639	A	19901019

IT 146478-64-0P

RL: PREP (Preparation)

(manuf. of, as yellow fugitive tint for nylon yarn)

RN 146478-64-0 CA

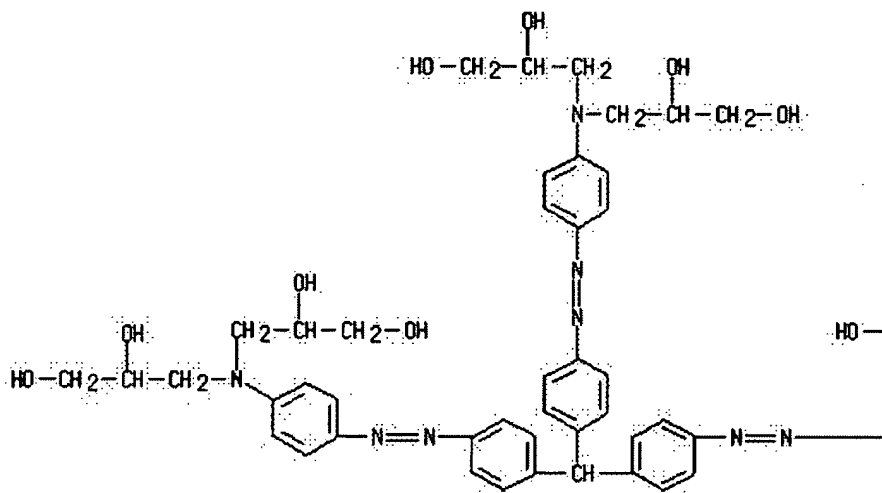
CN Oxiranemethanol, polymer with oxirane, ether with
3,3',3'',3''',3''''',3''''''-[methylidynetris(4,1-phenyleneazo-4,1-phenylenenitrilo)]hexakis[1,2-propanediol] (9CI) (CA INDEX NAME)

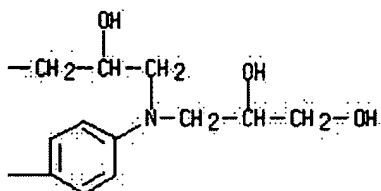
CM 1

CRN 166089-37-8

CMF C55 H67 N9 O12

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CM 2

CRN 28214-34-8

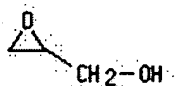
CMF (C3 H6 O2 . C2 H4 O)x

CCI PMS

CM 3

CRN 556-52-5

CMF C3 H6 O2



CM 4

CRN 75-21-8

CMF C2 H4 O



L23 ANSWER 7 OF 12 CA COPYRIGHT 2005 ACS on STN

Full Text

AN 115:25407 CA

TI Novel trifunctional carrier molecule for the fluorescent labeling of haptens

AU Bredehorst, Reinhard; Wemhoff, Gregory A.; Kusterbeck, Anne W.; Charles, Paul T.; Thompson, Richard B.; Ligler, Frances S.; Vogel, Carl Wilhelm

CS Dep. Biochem. Mol. Biol., Georgetown Univ., Washington, DC, 20007, USA

SO Analytical Biochemistry (1991), 193(2), 272-9

CODEN: ANBCA2; ISSN: 0003-2697

DT Journal

LA English

IT 134664-50-9

RL: RCT (Reactant); RACT (Reactant or reagent)

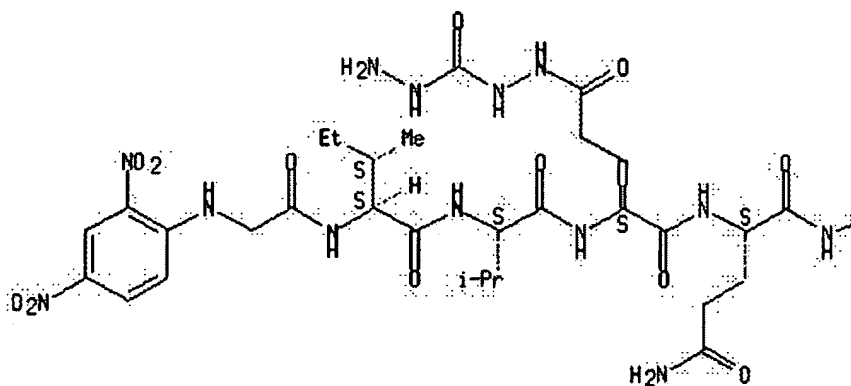
(reaction of, with FITC)

RN 134664-50-9 CA

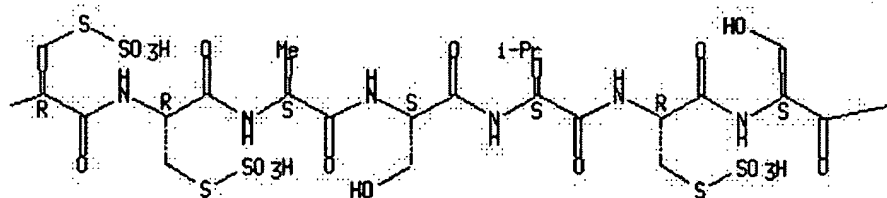
CN Insulin (cattle-A reduced), N-(2,4-dinitrophenyl)-, tris[2-(hydrazinocarbonyl)hydrazide], 6,7,11,20-tetrakis(hydrogen sulfate) (9CI)
(CA INDEX NAME)

Absolute stereochemistry.

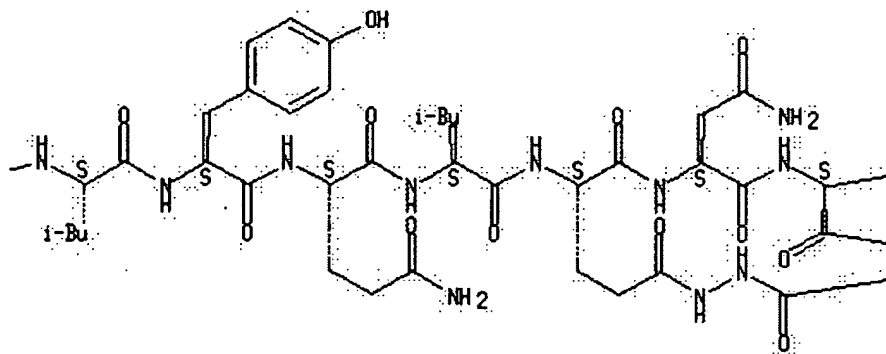
PAGE 1-A



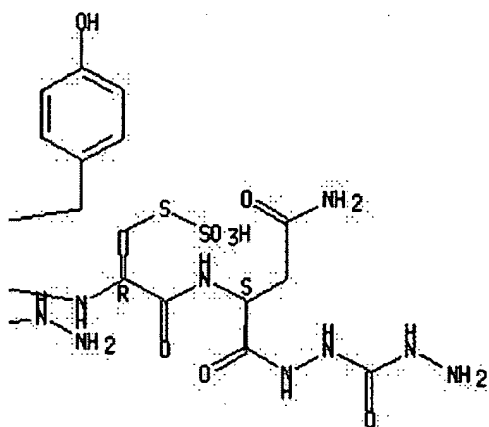
PAGE 1-B



PAGE 1-C



PAGE 1-D



L23 ANSWER 8 OF 12 CA COPYRIGHT 2005 ACS on STN

Full Text

AN 111:211439 CA

TI Photoaffinity labeling of receptors for melanocyte-stimulating hormone

AU Eberle, A. N.; Solca, F.; Siegrist, W.; Scimonelli, T.; Girard, J.; De Graan, P. N. E.

CS Dep. Res., Univ. Hosp., Basel, CH-4031, Switz.

SO NATO ASI Series, Series C: Mathematical and Physical Sciences (1989), 272(Photochem. Probes Biochem.), 67-84

CODEN: NSCSDW; ISSN: 0258-2023

DT Journal

LA English

IT 123557-38-0P 123557-39-1P 123557-40-4P

RL: PREP (Preparation)

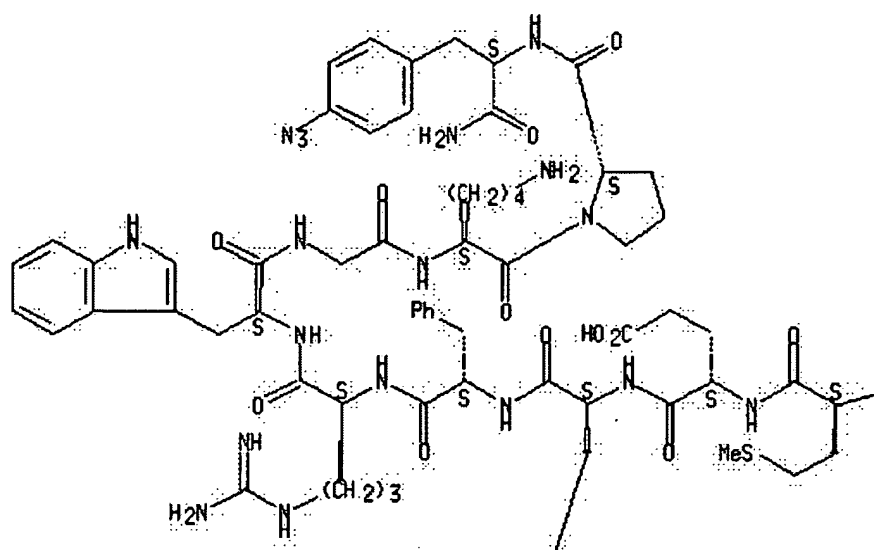
(prepn. of, as photoprobe for MSH receptors studies)

RN 123557-38-0 CA

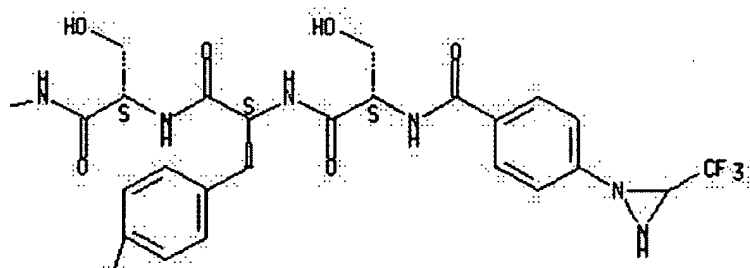
CN α 1-13-Corticotropin, N-[4-[3-(trifluoromethyl)-1-diaziridinyl]benzoyl]-13-(4-azido-L-phenylalaninamide)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

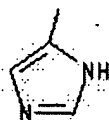
PAGE 1-A



PAGE 1-B

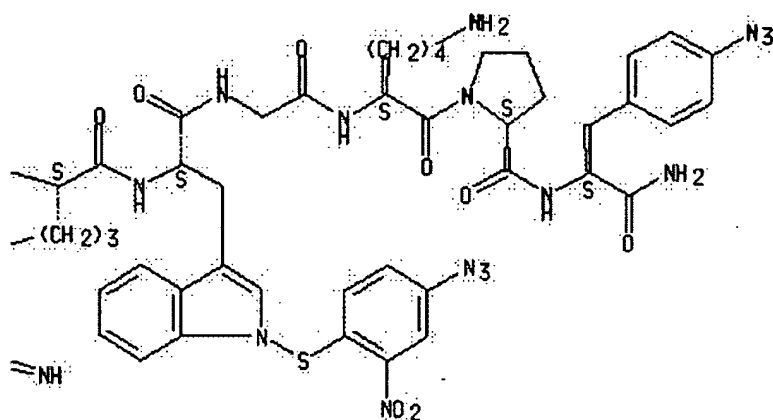
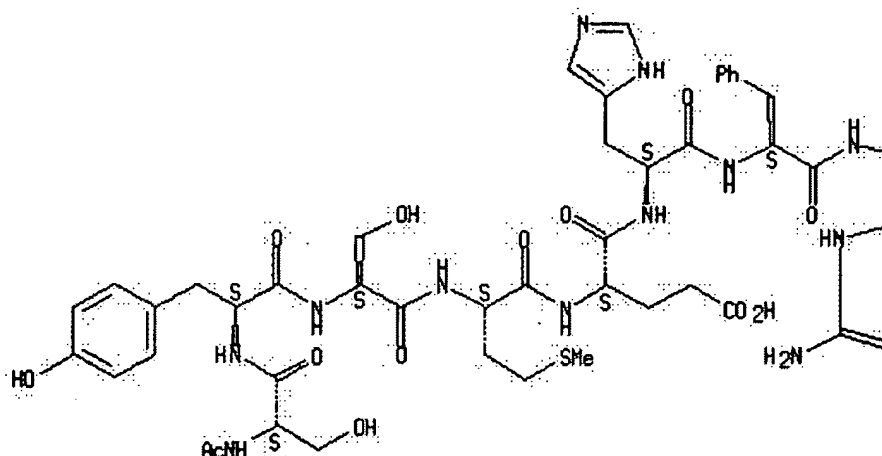


PAGE 2-A



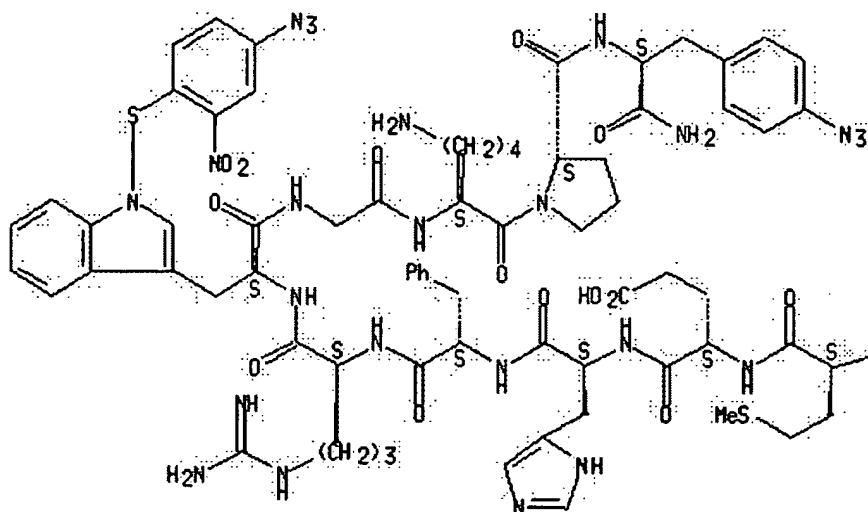
RN 123557-39-1 CA
 CN α -Melanotropin (swine), 9-[1-[(4-azido-2-nitrophenyl)thio]-L-tryptophan]-13-(4-azido-L-phenylalaninamide)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

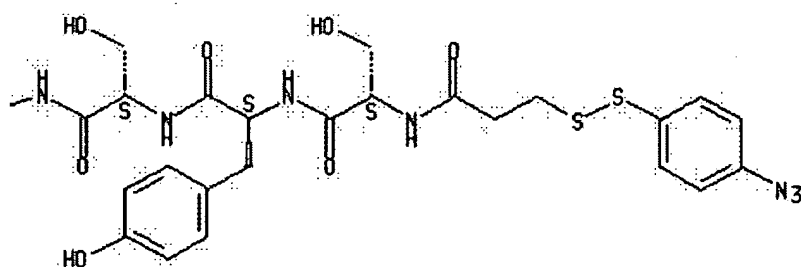


RN 123557-40-4 CA
 CN α 1-13-Corticotropin, N-[3-[(4-azidophenyl)dithio]-1-oxopropyl]-9-[1-[(4-azido-2-nitrophenyl)thio]-L-tryptophan]-13-(4-azido-L-phenylalaninamide)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



PAGE 1-B



Full Text

TI A photoactivatable synthetic transit peptide labels 30 kDa and 52 kDa polypeptides of the chloroplast inner envelope membrane

CS Univ. Coll. Wales, Penglais/Aberystwyth, SY23 3DD, UK

CODEN: FEBLAL; ISSN: 0014-5793

LA English

RL: BIOL (Biological study)

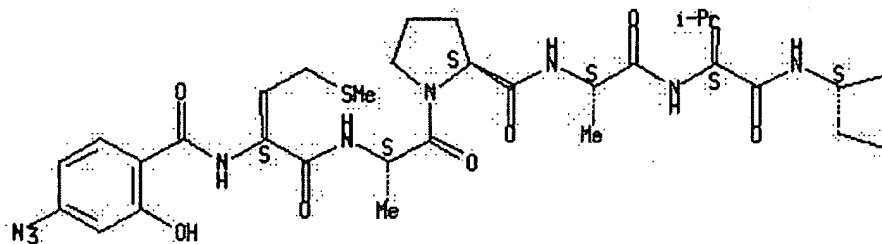
(chloroplast inner envelope membrane proteins interaction with)

RN 115850-17-4 CA

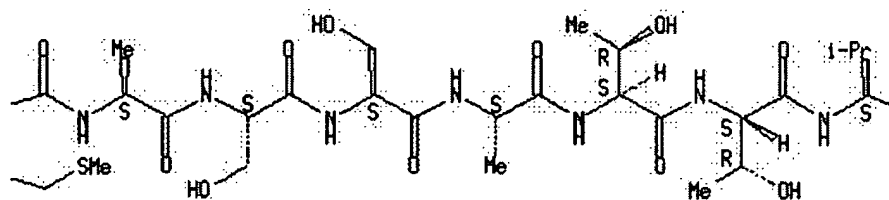
CN Glycine, N-(4-azido-2-hydroxybenzoyl)-L-methionyl-L-alanyl-L-prolyl-L-alanyl-L-valyl-L-methionyl-L-alanyl-L-seryl-L-seryl-L-alanyl-L-threonyl-L-threonyl-L-valyl-L-alanyl-L-prolyl-L-phenylalanyl-L-glutaminyglycyl-L-leucyl-N6-(4-azido-2-hydroxybenzoyl)-L-lysyl-L-seryl-L-threonyl-L-alanyl-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

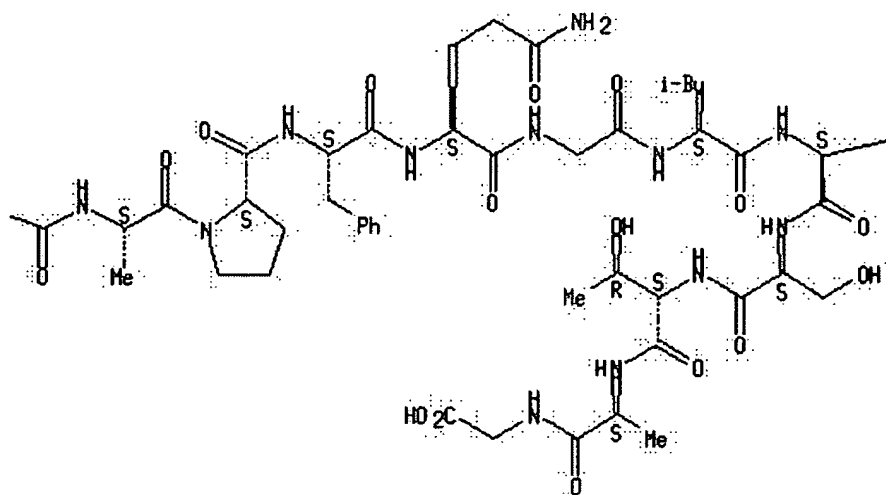
PAGE 1-A



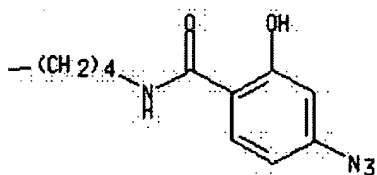
PAGE 1-B



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L23 ANSWER 10 OF 12 CA COPYRIGHT 2005 ACS on STN

Full Text

AN 107:191278 CA

TI ACTH-photoaffinity labels, synthesis and application of analogs with agonistic and partial agonistic properties

AU Escher, E.; Mackiewicz, Z.; Sircar, S.; Bourque, D.; Bouthillier, F.; Lehoux, J. G.

CS Med. Sch., Univ. Sherbrooke, Sherbrooke, QC, J1H 5N4, Can.

SO Pept., Proc. Eur. Pept. Symp., 19th (1987), Meeting Date 1986, 473-6.
Editor(s): Theodoropoulos, Dimitrios. Publisher: de Gruyter, Berlin, Fed. Rep. Ger.

CODEN: 56ABA8

DT Conference

LA English

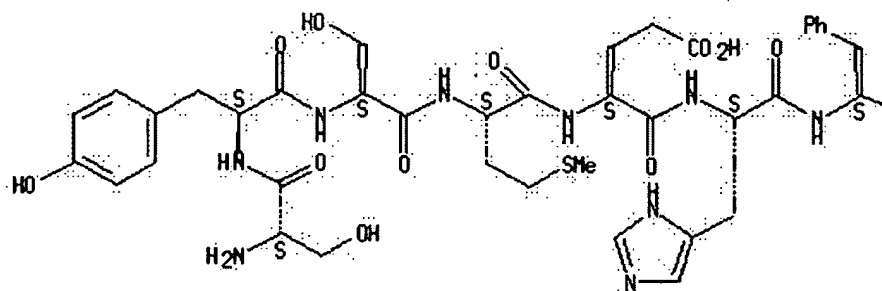
IT 111017-03-9P

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of, as photoaffinity labels for ACTH)

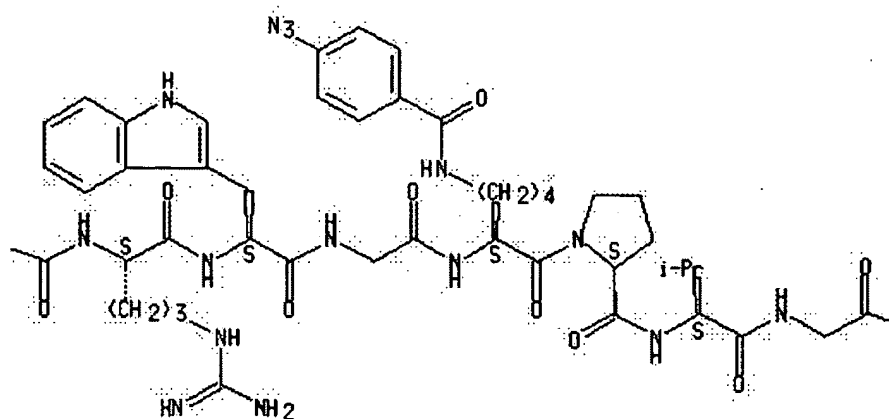
RN 111017-03-9 CA

CN α 1-24-Corticotropin, 11-[N6-(4-azidobenzoyl)-L-lysine]-15-[N6-(4-azidobenzoyl)-L-lysine]-16-[N6-(4-azidobenzoyl)-L-lysine]-21-[N6-(4-azidobenzoyl)-L-lysine]- (9CI) (CA INDEX NAME)

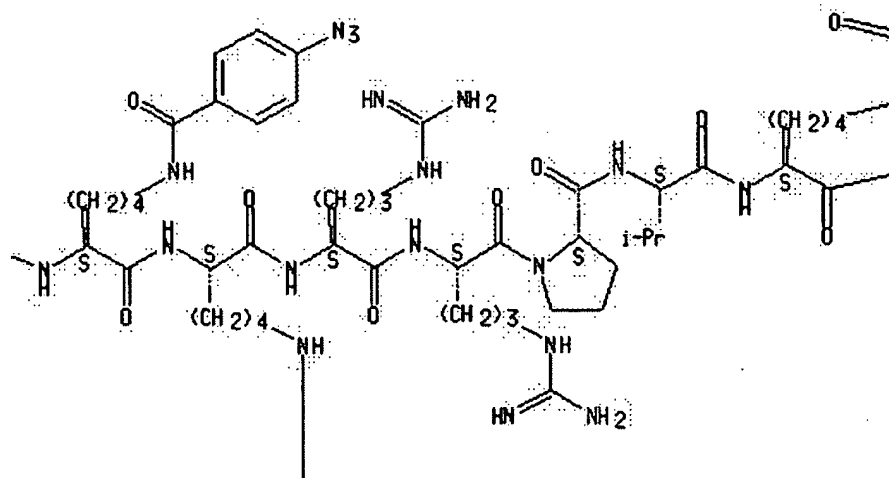
Absolute stereochemistry.



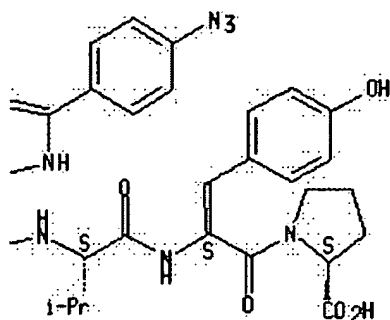
PAGE 1-B



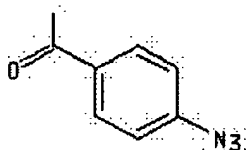
PAGE 1-C



PAGE 1-D



PAGE 2-C



L23 ANSWER 11 OF 12 CA COPYRIGHT 2005 ACS on STN

Full Text

AN 104:129909 CA
 TI Tetrazolium derivatives
 IN Shiga, Tadanobu
 PA Dojin Kagaku Kenkyusho K. K., Japan
 SO Jpn. Kokai Tokkyo Koho, 6 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 60142969	A2	19850729	JP 1983-175121	19830920
				JP 1983-175121	19830920

OS CASREACT 104:129909

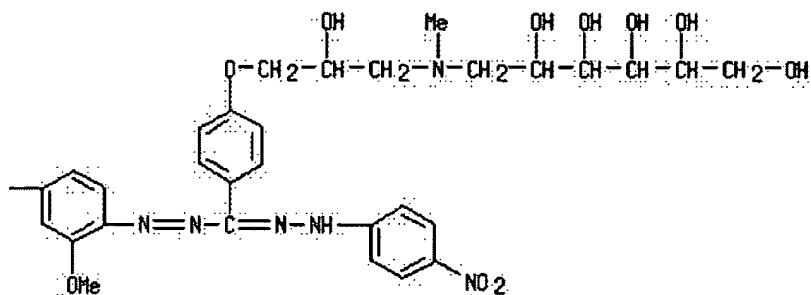
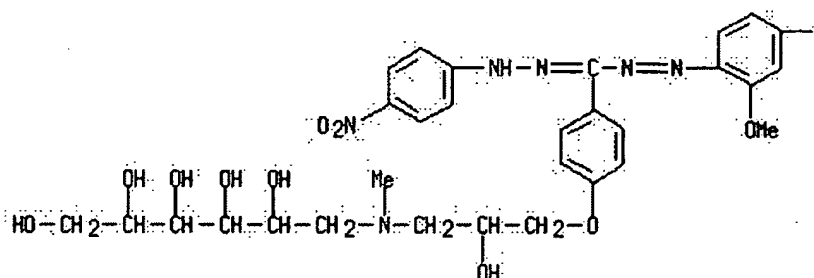
IT 100505-30-4P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)

(prepn. and reactions of, tetrazolium halides from)

RN 100505-30-4 CA

CN D-Glucitol, 1,1'-[(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis[azo[(4-nitrophenyl)carbonohydrazonoyl]-4,1-phenyleneoxy(2-hydroxy-3,1-propanediyl)(methylimino)]]bis[1-deoxy- (9CI) (CA INDEX NAME)



L23 ANSWER 12 OF 12 CA COPYRIGHT 2005 ACS on STN

Full Text

AN 81:25948 CA

TI Intermediates in the preparation of secretin

IN Bodanszky, Miklos; Ondetti, Miguel A.; Von Saltza, Malcolm H.; Narayanan, Venkatachala L.; Levine, Seymour D.

PA E. R. Squibb and Sons, Inc.

SO U.S., 11 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 3812092	A	19740521	US 1970-82510	19701020
				US 1966-553290	A3 19660527
				US 1968-73688	A1 19680412
	US 3400118	A	19680903	US 1966-553290	19660527
					A

PATENT FAMILY INFORMATION:

FAN 72:133195

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 3400118	A	19680903	US 1966-553290	19660527
					A
	US 3812092	A	19740521	US 1970-82510	19701020

US 1966-553290

A3 19660527

US 1968-73688

A1 19680412

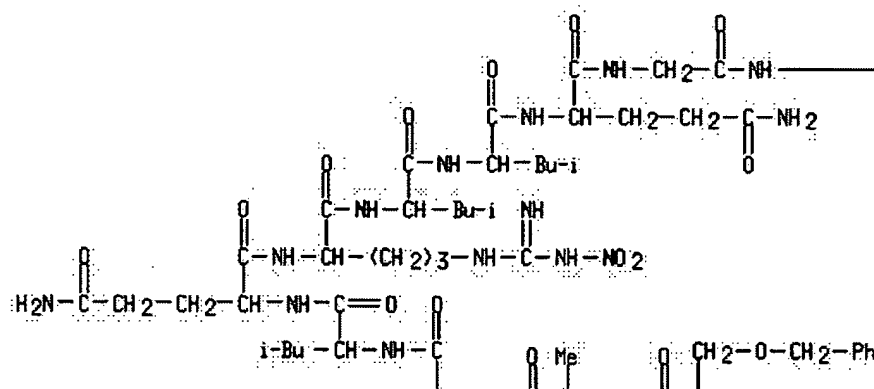
IT 53102-64-0P

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

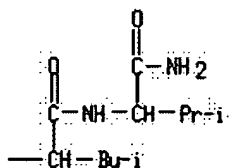
RN 53102-64-0 CA

CN Secretin (swine), 1-de-L-histidine-2-de-L-serine-3-de-L-aspartic
acid-4-deglycine-5-[N-[(phenylmethoxy)carbonyl]-L-threonine]-14-[N5-
[imino(nitroamino)methyl]-L-ornithine]-16-[O-(phenylmethyl)-L-serine]-18-
[N5-[imino(nitroamino)methyl]-L-ornithine]-21-[N5-
[imino(nitroamino)methyl]-L-ornithine]-, 15-(phenylmethyl) ester (9CI)
(CA INDEX NAME)

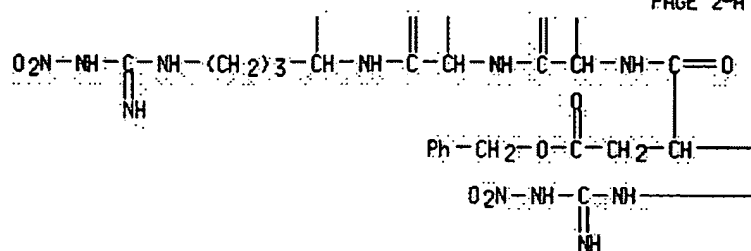
PAGE 1-A



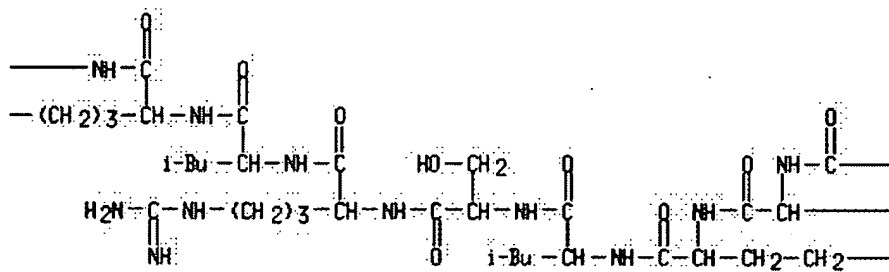
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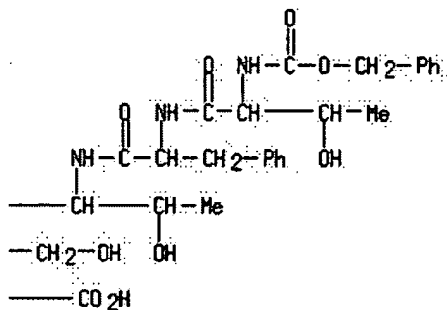
PAGE 2-A



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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

45.51

225.97

FILE 'STNGUIDE' ENTERED AT 07:34:13 ON 22 SEP 2005

USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT

COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE

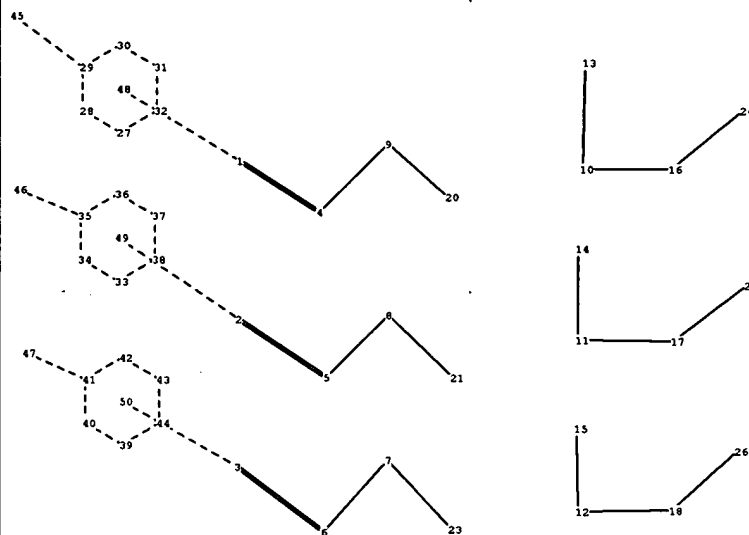
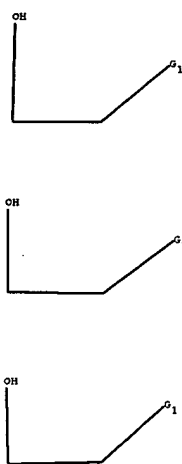
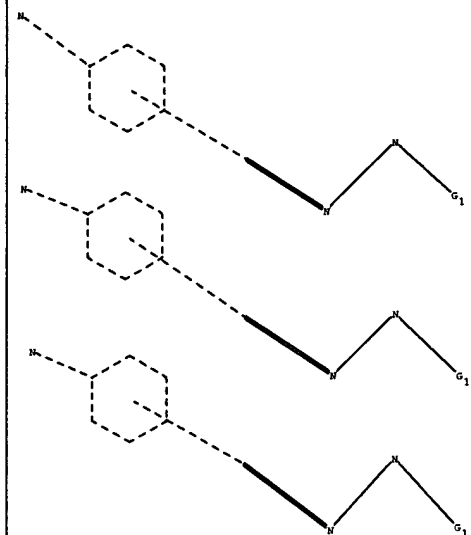
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Sep 16, 2005 (20050916/UP).

=>

L20



chain nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 20 21 23 24 25 26

ring nodes :

27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44

ring/chain nodes :

45 46 47

chain bonds :

1-4 2-5 3-6 4-9 5-8 6-7 7-23 8-21 9-20 10-13 10-16 11-14 11-17 12-15 12-18
16-24 17-25 18-26

ring/chain bonds :

29-45 35-46 41-47

ring bonds :

27-28 27-32 28-29 29-30 30-31 31-32 33-34 33-38 34-35 35-36 36-37 37-38 39-40
39-44 40-41 41-42 42-43 43-44

exact/norm bonds :

1-4 2-5 3-6 4-9 5-8 6-7 7-23 8-21 9-20 10-13 11-14 12-15 16-24 17-25 18-26
27-28 27-32 28-29 29-30 29-45 30-31 31-32 33-34 33-38 34-35 35-36 35-46 36-37
37-38 39-40 39-44 40-41 41-42 41-47 42-43 43-44

exact bonds :

10-16 11-17 12-18

G1:C,O,S,N,P,B,Cy

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 20:CLASS
21:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:Atom 28:Atom 29:Atom 30:Atom
31:Atom 32:Atom 33:Atom 34:Atom 35:Atom 36:Atom 37:Atom 38:Atom 39:Atom 40:Atom
41:Atom 42:Atom 43:Atom 44:Atom 45:CLASS 46:CLASS 47:CLASS 48:CLASS 49:CLASS
50:CLASS